

SOUTHERN TEXTILE BULLETIN

VOLUME XIX.

CHARLOTTE, N. C., AUGUST 19, 1920

NUMBER 25



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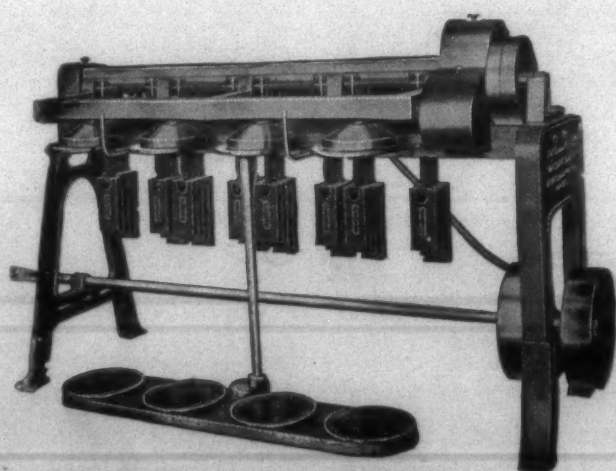
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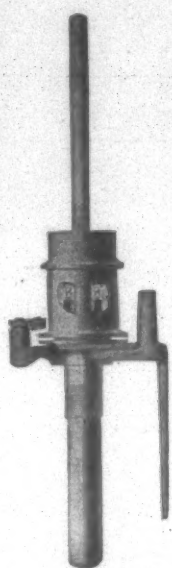
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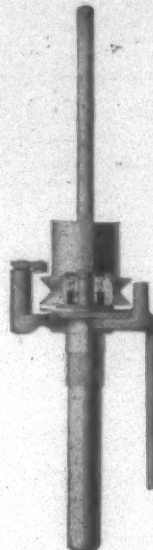
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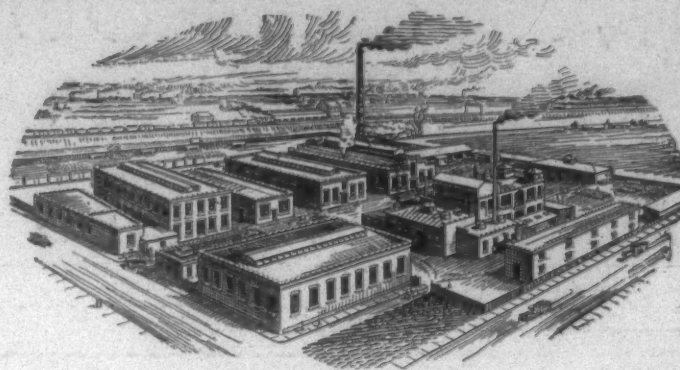


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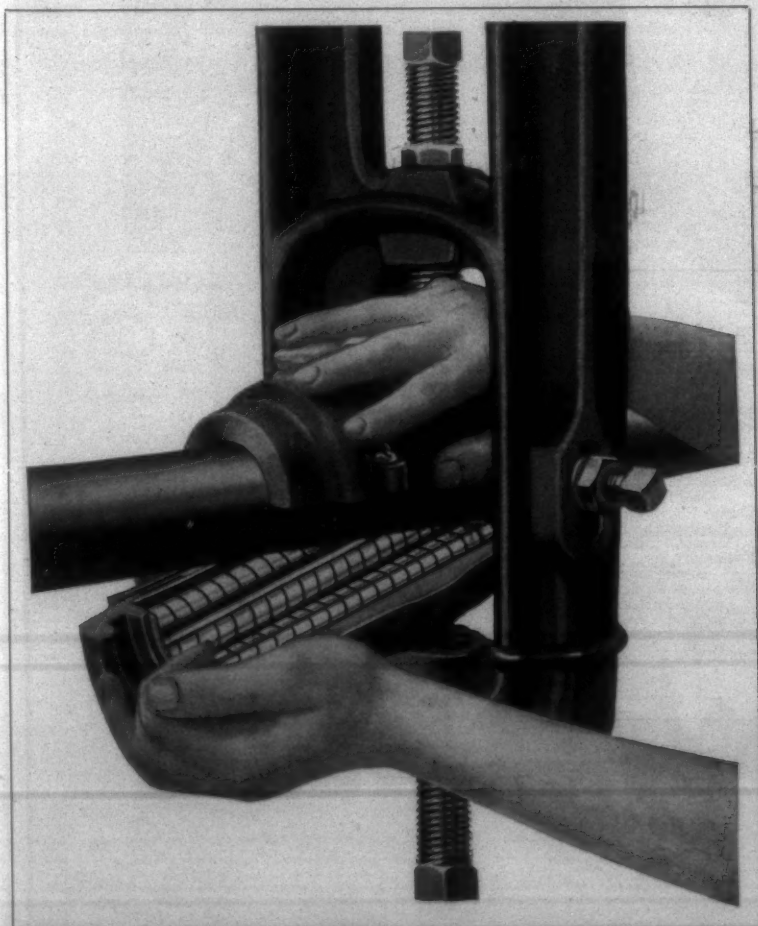
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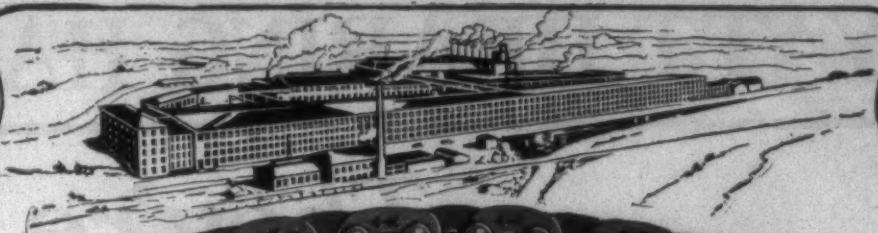
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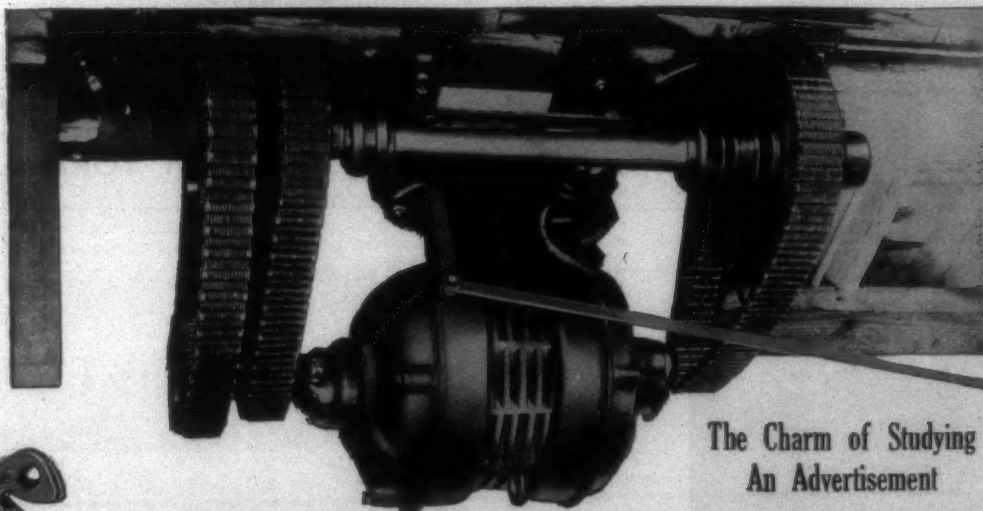
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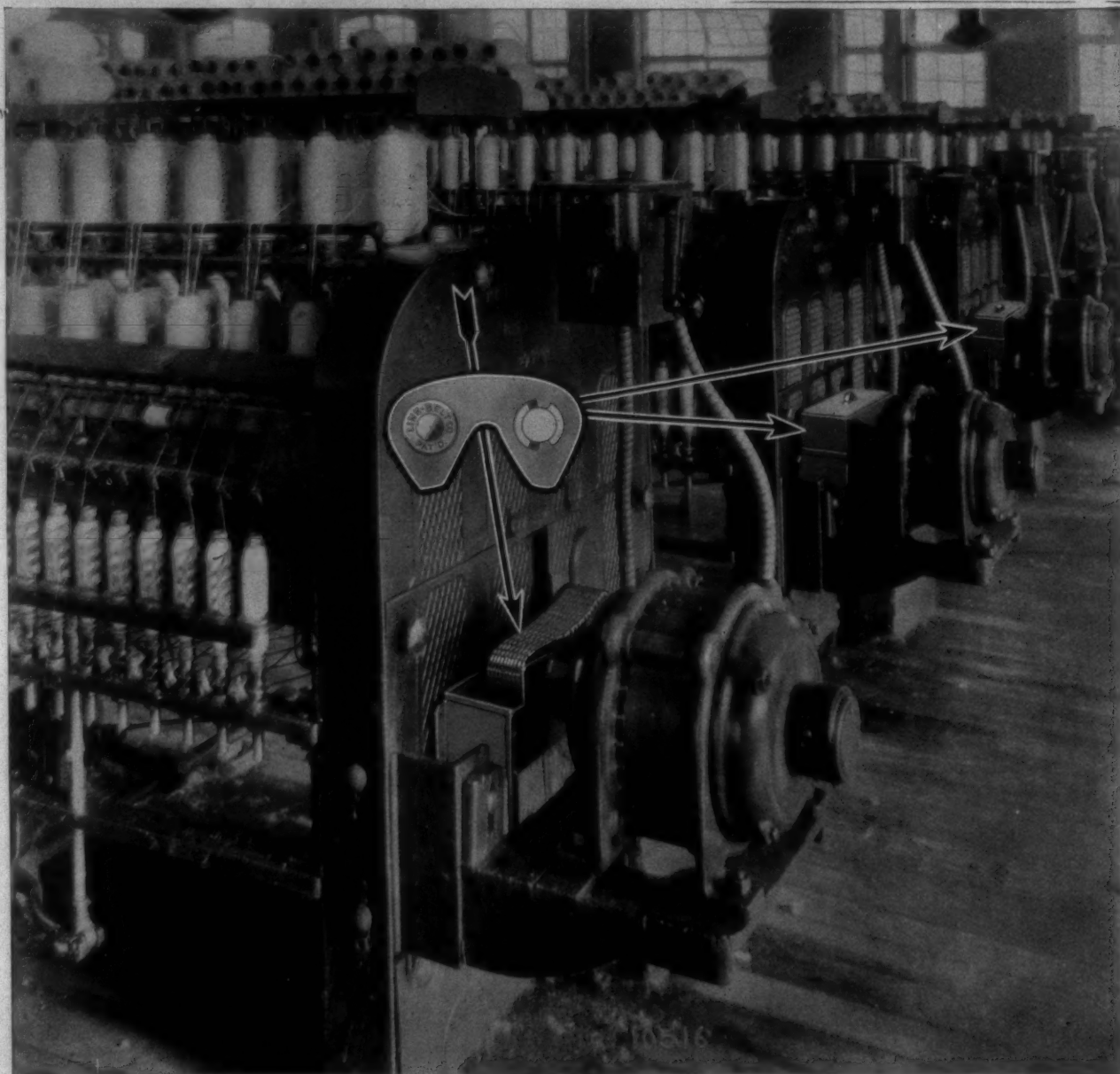
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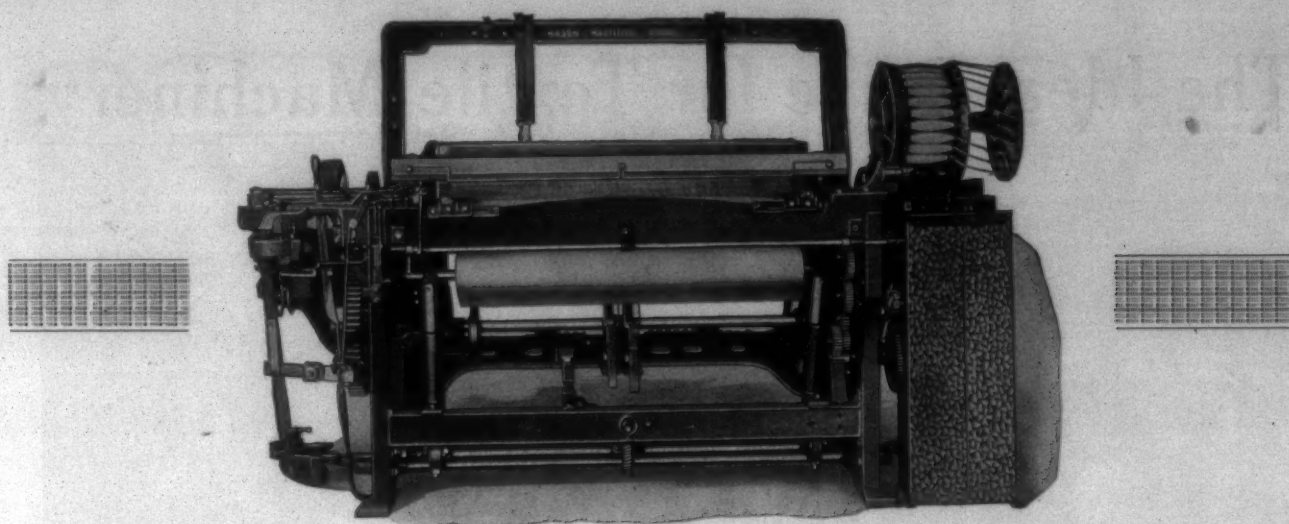
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VOL. XIX.

CHARLOTTE, N. C., AUGUST 19, 1920

NUMBER 25

Demand for Cotton Exceeds Production

Reprint from "The Americas" published by National City Bank, New York City

Of all world industries, cotton is the most widespread. Of all commercial romances, cotton and its affiliated industries supply the greatest amount of interest. Since 1800 no other branch of business has witnessed such an expansion, and it is difficult to conceive of any commercial enterprise which has a greater or more assured future.

It is estimated that more than 6,000,000 persons are directly engaged in the production, manufacture and distribution of cotton, while reliable estimates have placed the amount of capital invested in the business at \$30,000,000,000. The amount of cotton produced in the world has shown a remarkable increase. While statistics of such a widespread industry are necessarily more or less approximate, it is believed that cotton production has grown from 500,000,000 pounds in 1800 to 1,500,000,000 pounds in 1850, 7,500,000,000 pounds in 1900 and 14,000,000,000 in 1913, which is the last year that can be called normal. The most interesting phase of the figures just quoted is the practically doubled production since 1900, showing that even in these modern times great capacity for the expansion of cotton consumption exists. Since 1914, however, little increase in the world's cotton production has taken place and one of the greatest problems now confronting the industry, and one which is receiving a great deal of serious attention, is the increase in the area allotted to cotton cultivation necessary to keep up with increased consumptive demand.

A study of world cotton statistics and conditions shows clearly that a serious shortage of cotton exists. Although there has been a marked improvement in the present American crop over the early estimates of the Department of Agriculture and other authorities, the season is still young and many unfavorable factors may yet reduce the indicated yield. Should the present American crop fail to come up to the most recent estimates, it will mean the sixth short crop, an unprecedented situation so far as American cotton is concerned.

From the date when the southern American States first began to sup-

ply the world with its principal stocks of cotton, there has always been a feeling in textile circles throughout the world that when more cotton was needed America would supply it. Up until the present this hypothesis was reasonably accurate; now, however, a different state of affairs exists. There is a certain point in every economic situation where the peak, or saturation point, so far as ability to produce is concerned, is reached. This is very near the case in America today. While it is true that considerable areas still exist that might be turned to the cultivation of cotton, it is also true that with the growing tendency of southern planters to diversify their crops there is a steady encroachment on the amount of land that will hereafter be devoted to cotton. Besides that, the boll-weevil pest has been a hard one to contend with and labor conditions have been anything but satisfactory.

In previous years, short crops in this country and resulting high prices stimulated the production in the South to such an extent that an equilibrium was generally reached the following season. Efforts to grow cotton outside of the United States in competition with the Southern planters usually failed, because there was so much land in the South still available for cotton that no other country could successfully compete with it. This situation no longer exists and for the first time in the history of the industry the growing of cotton on a large scale in various other parts of the world seems possible of success.

The world is now consuming about 21,000,000 bales of cotton per year, but good authorities believe that the present decade will see an increase in world demand of at least 10,000,000 additional bales, with a like increase in the succeeding decade. Where the cotton is to come from to allow the world to double its annual consumption is a problem. It certainly cannot come from the southern American States; assuming that the American crop will continue to average about 11,500,000 bales, as it has for the past five years and will probably equal this year, it is plain that vast cotton

producing districts in other parts of the world must be developed without any loss of time if a pronounced shortage of cotton is to be avoided.

Egypt Near Limit of Production.

To begin with, Egypt is in a more static condition, so far as increasing its cotton production is concerned, than the United States. The area of Egyptian soil on which the long staple for which that country is famous is produced is a very limited one and cannot be greatly extended. Northern Africa is of gradually increasing importance as a cotton producer, but various factors affecting it make it unlikely that the world can ever depend upon it for any considerable supply of cotton. The Caribbean district has much territory favorably situated for cotton cultivation, but greater profits can be made growing other crops so that the likelihood of any very extensive development of cotton growing is not very good. Peru and a few other South American countries are becoming interested in cotton, but usually along certain particular lines and for specified purposes. India is increasing its production steadily, the crop this year being especially large. India has possibilities of greatly increased production, but the best it could do would still leave a very large world shortage if consumption increases as rapidly as trade experts expect.

Mesopotamia remains as the great potential cotton producer, particularly for the cotton mills of the British Empire. For many years spasmodic attempts have been made by the British government and the leaders of the Manchester textile industry to increase the supply of cotton grown under the British flag, and to make the tremendous textile interests of Great Britain less dependent on cotton from the United States. Until within a few months all such attempts have proved abortive; low prices for cotton all over the world gave the American cotton planters an advantage against which less favorably situated districts could not successfully contend.

For reasons already outlined, a distinct change appears certain for the industry and British mill owners are scanning the entire world for available cotton producing re-

gions, almost always returning, however, to Mesopotamia as the logical place on which to concentrate their energies. That this project has been forming for a long time is well known. Before any idea of a general European conflict was entertained in Europe, England and Germany were striving to dominate Mesopotamia through influence with the Turkish government. Germany seemed to be winning and the construction of the Berlin-to-Bagdad railroad was expedited as much by the desire of Germany's industrial interests to have access to a cotton producing country as much as for any other reason.

British Have Long Watched Mesopotamia.

Lower Mesopotamia, the cradle of the human race, was at one time the greatest garden spot of the earth. Irrigation canals leading from and into the Tigris and Euphrates rivers gave a never-failing supply of water, while the fertility of a watershed covering many thousands of square miles was annually washed down in the form of silt to feed and improve the soil of the irrigated valleys. For several years before the outbreak of the war, British engineers had been working on plans for a widespread reclamation of this territory for the purpose of converting it into a large-scale producer of cotton. At the peace conference British interests were careful to assure control of this large and potentially rich district for themselves, so that nothing now stands in the way of an immediate development of the cotton raising possibilities of these valleys, except the disturbed political condition of the country and the restlessness of the native population over the failure of the war to bring them their promised independence.

That the plans already well matured for the development and financing of an important addition to the world's cotton area will succeed can hardly be doubted. Elements of chance that formerly entered into enterprises of this kind have largely been discounted as a result of years of scientific investigation by the British Government. Germany was just as anxious to replace cotton from the United States with cotton raised under its own

flag as is England, and if the World War had not intervened, it is probable that German cotton production in Mesopotamia would already be a fact.

The war unquestionably brought the constituent parts of the British Empire much closer together than they had ever been in the past, and the determination of all its parts to regard the empire as a whole and to make it self-supporting has been a strong card for the element in British industrial and public life that has been advocating governmental assistance in raising cotton under the British flag. The large amount of capital that will be required to bring about a large production of cotton in Mesopotamia can undoubtedly be raised in Lancashire. The war brought great prosperity to the British textile interests and since the armistice they have been, on the whole, operating at capacity.

Considerable interest is being manifested in another part of the British Empire far removed from Mesopotamia or any of the other places so far mentioned, but which is in the same latitude as the Southern States of America. Queensland and New South Wales, in Australia, are believed to offer great possibilities for the production of cotton through irrigation. The necessity of irrigating land has in past years been the commonest case for inability of other countries to compete with American cotton, but in the Australian States it can be raised as a perennial, and in some places it is said that shrubs in suitable locations have borne two crops a

year for from five to ten years. Many export experts believe that a bright future exists for Australian cotton, most of which would be available for export, as domestic demand and the comparatively undeveloped industrial condition of the Australian continent would make it impracticable to manufacture it at home.

Another of the changing phases of cotton growing that today makes possible enterprises that would have failed only a decade ago is the advance made in the application of power to the land. The ability of the mule to stand heat made possible the cotton production of the Southern States, but even the mule gives out as the line of cultivation approaches the equator. The successful use of the internal combustion engine in tractors, trucks and other vehicles has rendered man independent, to a large degree, from the physical inability of his draft animals to stand excessive heat. In the tropical parts of the world there is no lack of human labor, which is required in large amounts for the production of cotton, and with the intelligent use of mechanical substitutes for horses and mules great areas of fertile soil in the tropical zone become available for cotton raising.

Increased Supply Will Aid All.

The attitude of the United States toward a greatly increased production of cotton in other parts of the world can be nothing but benevolent. The enlightened political and economic thought of England long since realized that the benefits which come to any section of the

world through intelligent development of its natural resources or through the energy used in transforming raw products into consumable goods also benefited the rest of the world. This economic truth is rapidly being recognized in America and the broadened outlook which our participation in world affairs during the past five years brought us and the extension of American business into all foreign countries has accelerated our appreciation of it.

An odd development that shows the interdependence of the whole world and which also appears, until investigated, to be a case of carrying coals to Newcastle, is the largely increased importation into the United States of Egyptian cotton. In the fiscal year 1918-19 importations of cotton from Egypt to this country were less than 80,000 bales, but Sterling's Journal estimates that fully 300,000 bales will be imported this year. Most of this cotton will be used for making American automobile tires, which will again be sold all over the world. The tire business, it is worthy of note in passing, is largely responsible for the new long-staple cotton industry that is making such rapid strides in New Mexico, California and Arizona.

Increased production and lowered prices for raw cotton will be of the very greatest importance to the manufacturing sections of the United States and to its industrial population and export trade. The world is clamoring for manufactured cotton and it is reliably estimated that 90 per cent of the world's population are clothed in cotton cloth. Cotton

may be grown at a thousand scattered points in tropical and subtropical lands, but it is a safe assertion that most of the world's cotton cloth will continue to be manufactured in the mills of America and Great Britain.

Anglo-Saxon Labor Most Efficient.

At the end of this article will be found a group of statistics compiled from sources known to be reliable by the Statistical Department of The National City Bank of New York. Reference to these will show how thoroughly the United States and Great Britain dominate this industry which, although world-wide in scope, continues to center in the Anglo-Saxon world so far as its manufacturing end is concerned. At various times the bugaboo of cheap labor in countries having a low standard of living has been raised by those who felt that the manufacturing countries were in danger of losing their supremacy. All such prophecies have proved false; the higher intelligence and increased output of the American and British worker have always been found more than an adequate offset to the low wage scales of other countries, particularly in the Orient.

Estimates of the future probable trend of cotton goods prices, while generally agreeing that recent high levels cannot be permanent, appear to place undue emphasis on present world stocks, particularly the American carry-over, and not enough emphasis on the increased world demand that is certain to come. Present prices are so high that consumption has in thousands of cases been curtailed to a point much below

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what it would have been if prices had been more reasonable. At the same time new uses for cotton are constantly being devised, the greatest one of course being the automobile and tire industry. It is estimated that 50,000 tires a day are being used in the United States and that manufacturing capacity for turning out tires will soon be increased 50 per cent. In terms of spindles this means that 1,000,000 more spindles will soon be turned from other uses to the single object of supplying the tire industry. Other uses of cotton heretofore unknown can be mentioned, such as the use of cotton substitutes for wall paper, insulation fabrics for wires, artificial leather, substitutes for silk, etc.

Germany, which formerly consumed nearly 2,000,000 bales of cotton per year, has been completely cut off from raw materials during the war, and even after the armistice has only been able to operate a small fraction of its spindles because of the difficulty experienced by its manufacturers in obtaining credit or in purchasing exchange. A tremendous latent demand undoubtedly exists throughout the former Central Powers, as well as in Russia, where local production has beyond question taken a serious slump as a result of the industrial disorganization due to the soviet regime.

The situation in Europe and the growing demands that will be made upon the United States are graphically illustrated by the export figures for the eleven months ending with May, 1920 and 1919. In the eleven months ending in May of this

year, 6,673,959 bales of cotton, valued at \$1,331,566,797, were exported from this country, as compared with 4,663,726 bales, valued at \$761,745,707, in the same period last year.

Perhaps as good a barometer to the condition of the world's cotton industry as can be found is that supplied by the condition of the textile machinery industry. Cotton cannot be manufactured without spindles and looms and periods of activity or depression in this industry are as accurate a way to test the pulse of cotton as the condition of the iron and steel industry supplies for other lines of industrial activity. The fact seems to be that manufacturers of textile machinery foresee demands upon them during the next twenty years that will be almost beyond their capacity to fulfill.

More Textile Machinery Needed.

Four factors make the construction of more cotton manufacturing machinery an imperative necessity: increased demand everywhere in the world for cotton cloth; lowered output of existing mills because of the reduction of working hours; lowered output as a result of the inefficiency of labor that has followed the decreased number of hours per week, and the normal depreciation and wear and tear to which all machinery is subject. In addition to the strong domestic demand for textile machinery, many export orders are being booked, showing that other countries intend to supply at least a part of their domestic re-

(Continued on Page 13.)

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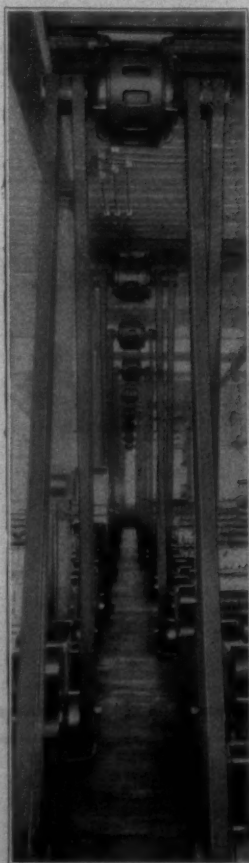
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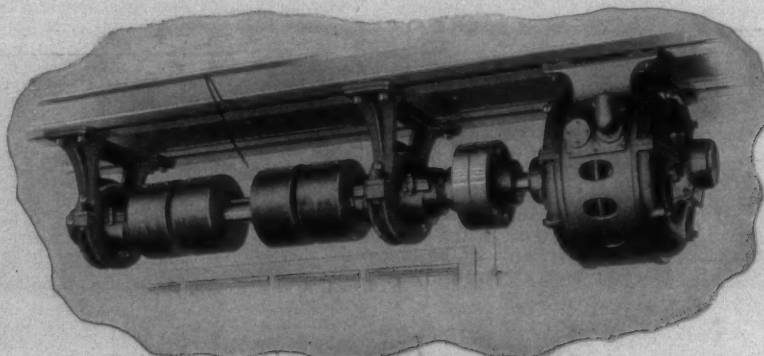
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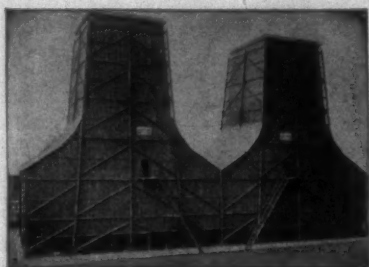
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Are made of wood, the outer frame being of long leaf yellow pine; the sheathing and filling being of high grade cypress. A chimney creates a strong natural draft which draws the air through the water-cooling system, with a minimum loss by friction. Bulletin No. 109 describes and illustrates this type of tower.



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New and Old Coal Rates to Cities of the South.

Washington, Aug. 12.—In order that consumers of domestic coal at points where a considerable portion of the fuel supply is received over the lines of the Southern Railway system may know to what extent the price of coal is influenced by the increased freight rates which are to become effective by September 1st, the following information as to rates per ton from coal fields, from which the supply to each of the representative points named is normally moved, is given out by the Freight Traffic Department of the Southern Railway system:

Danville, Va., Coal Creek and Appalachia, old rate, \$3.10; new rate, \$3.87½.

Charlotte, N. C., Coal Creek, Appalachia and Dante, old rate, \$2.70; new rate, \$3.37½.

Asheville, N. C., Coal Creek, old rate, \$2.10; new rate, \$2.62½; Appalachia and Dante, old rate, \$2.20; new rate, \$2.75.

Greensboro, Durham and Raleigh, N. C., Coal Creek, Appalachia and Dante, old rate, \$3.00; new rate, \$3.75.

Winston-Salem, N. C., Coal Creek and Appalachia, old rate, \$2.90; new rate, \$3.62½.

Charleston, S. C., Coal Creek, Appalachia and Dante, old rate, \$2.50; new rate, \$3.12½.

Columbia, S. C., Birmingham, Jefferson County, Coal Creek, Appalachia and Dante, old rate, \$2.75; new rate, \$3.44.

Spartanburg and Greenville, S. C., Coal Creek, Appalachia and Dante, old rate, \$2.40; new rate, \$3.00.

Atlanta, Ga., Birmingham and Jefferson county, old rate, \$1.70; new rate, \$2.12½; Walker county, old rate, \$1.80; new rate, \$2.25; Coal Creek, old rate, \$1.85; new rate, \$2.31½; Appalachia and Dante, old rate, \$2.20; new rate, \$2.75.

Dun Dry Goods Buying Still Being Restricted.

"It is being contended by not a few dry goods merchants that the abnormal quietness prevailing in wholesale channels cannot last much longer, and predictions are heard of a renewal of activity to come in the latter part of August," says R. G. Dun & Co.'s weekly review of business.

"At the moment, buyers continue their policy of operating within the closest possible limits, and the effects of credit contraction and apprehensions regarding the probable action of retailers on goods ordered for future delivery are assigned as reasons for the existing hesitation. Hopes are constantly expressed in men's wear circles that large concerns will revive business, but for the present, at least, both wholesale and retail clothiers are unable to arouse interest. Although retailers have been lowering prices, the reductions do not appear to have stimulated demands appreciably. The curtailment of output, meanwhile, has been extended, not only in silks and woollens, but also in cottons. Each week announcements are being made of mills to run on short time."

Ask Reductions Mill Assessments.

Columbia, S. C.—F. Barron Frier of Greenwood attorney for the South Carolina cotton manufacturers association and a delegation of about 20 prominent cotton manufacturers from the Piedmont section are appearing before the South Carolina tax commission to urge reductions in the assessment against cotton mills. The cotton mill assessments have been increased about fifteen million dollars a greater increase than in any other line of business in the state. No decision will be announced by the tax commission but following a previous hearing, it was announced that no adjustment would be made.

Appearing before the tax commission were the following mill men: Leroy Springs, of Lancaster; Alex Long, of Rock Hill; Z. F. Wright, of Newberry; Victor Montgomery, of Spartanburg; J. T. McDonald, representing the Glen-Lowry company, of Whitmire; J. P. Abney, of Greenwood; J. David Woodside and E. F. Woodside, of Greenville; James C. Self, of Greenwood; J. F. Macfrow, of Ware Shoals; John A. Law, of Spartanburg; E. M. Nichols, of Union, W. L. Gassaway, of Greenville; B. D. Gossett, of Anderson; Robert Ligon, of Anderson; L. D. Blake, of Belton; Mr. Humbert of Anderson, and others.

Mrs. P. S. Boyd Slightly Injured.

While returning to their home from Salisbury, about four miles out from that city on the Central highway, P. S. Boyd, superintendent of the Mooresville (N. C.) Cotton Mills, lost control of his Cadillac car, which ran from the road-bed into the ditch. The front end of the car struck a telephone pole smashing the wind shield and tearing off the top. Mrs. Boyd and Mrs. W. L. Matheson were in the rear seat, and Mrs. Boyd received several minor injuries. Mrs. Boyd was taken to the Stokes-Whitehead sanatorium, where the wound was dressed.

Business Picks Up.

Buenos Aires, July 5.—Increased prosperity this year in comparison with 1919 is indicated by banking and railroad statistics of Argentina, which have just been published. Official banking reports show that between May 31, 1919, and the same date this year deposits increased 21 per cent, loans and discounts 12 per cent and balances on hand 40 per cent.

Of the 22,141 miles of railroad in the country only one group of 1,188 miles has failed to show increased aggregate receipts, according to a table compared by The Review of the River Plate, showing conditions for the present year. The remaining lines have all had substantial increases. All railroads in Uruguay and Paraguay and all tram lines in Argentina have also shown increases.

Enjoy Fish Fry.

The overseers of the Lancaster Cotton Mills, Lancaster, S. C., went to the river Saturday and enjoyed a delightful fish fry.

TURNER for CONCRETE

TURNER CONSTRUCTION CO., New York City

Southern Office—R. A. WILSON, Mgr.—Chamber of Commerce Bldg.

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TAPE DRIVES

OUR TAPES ARE ENDORSED BY MACHINERY EXPERTS. They know their quality and they know their scientific structure. Exhaustive trials by practically all machinery makers have demonstrated that they have no superior.

Write us.

Barber Manufacturing Co., Lowell, Mass.
SPINNING TAPE SPECIALISTS

UNIVERSAL WINDING COMPANY — BOSTON



Winding machines for single and ply yarns, cotton, woolen, worsted and silk. Write for circular describing the NEW WIND DOUBLER, also the No. 80 for winding SUPERCONES.

Southern Office Charlotte, N. C.
1216 REALTY BUILDING, P. O. Box 523
FREDERICK JACKSON, Southern Agent

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Careful and dependable engineering, manufacture and erection.

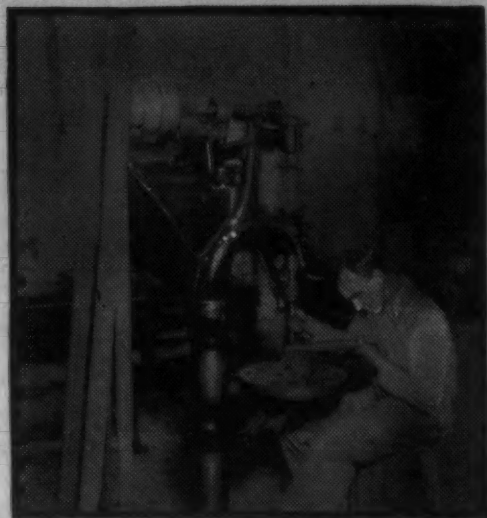
Norwood Engineering Co.

Florence, Mass.

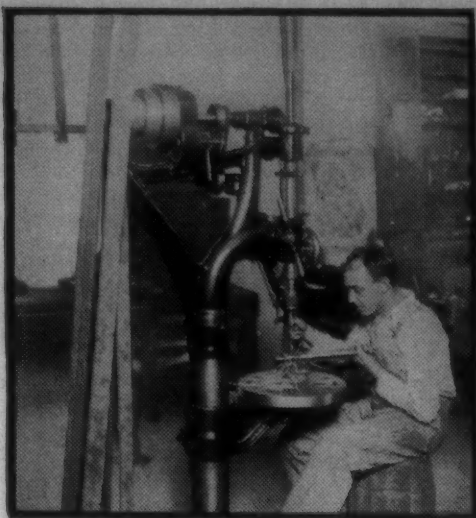
CHARLES M. SETZER

SOUTHERN REPRESENTATIVE

CHARLOTTE, N. C.



Give this man a chance



"Cotton White" made this change

COTTON WHITE

The Daylight Saver

A NEW
WHITE PAINT
*for interiors of
Mills & Factories*

*Stays White
does not turn
yellow can be
washed when
soiled*

THE output of a manufacturing plant can be measured in a direct ratio to the conditions surrounding the workers, and no factor so curtails the earning power as does the lack of proper light.

"Cotton White" turns a gloomy factory into a bright, cheerful workshop. It gives a new zest to the workers and makes of them something greater than the machines they attend. It gives you longer working hours, and it saves big lighting bills.

Bigger output—better workmanship—cheerful co-operation, and improved health are only a few of the unearned increments and by-products of "Cotton White."

"Cotton White" is a real paint and is applied with a brush. It is not a water paint or whitewash squirted on with a hose.

There is no other Interior Paint like "Cotton White"—no other paint has its great covering capacity, long life, or its great light-reflecting power. It is equally good when used on woodwork, bricks, or plaster.

*Send for descriptive booklet and estimate.
Buy direct at low factory prices.*

*Adds 3 to 5
profitable work-
ing hours to a
week's work*

*Saves 20 to 35%
Lighting Costs*

Reduces spoilage

Prevents accidents

THE SOUTHERN COTTON OIL CO.
PAINT DEPT. SAVANNAH GA.

Demand for Cotton In Excess of Production.

(Continued from page 9.)

quirements without resort to the larger manufacturing nations. South America, Japan and other parts of the Orient are all large buyers of American textile machinery, although the lack of a trained manufacturing personnel in all such countries must for many years remain a serious drawback to economical and satisfactory production.

Japan has lately excited a good deal of interest in textile circles because of its very largely increased exports of cotton cloth, particularly to India, which formerly bought nearly all of its manufactured cotton from the mills of Lancashire. This development, while possibly important, has really made very little impression on the total trade of India and is not at all likely to permanently supercede the British product.

From every standpoint a comprehensive review of the world cotton and cotton manufacturing situation seems certain to impress the student with the great activity and prosperity ahead for this industry. The world must be clothed and the economic need thereby brought about will be filled through the activities of cotton growers and manufacturers. Prices for raw and manufactured cotton, while they may recede from present abnormal levels, will be a long time getting back to the figures common to years of cotton that the world produces, antedating the war. Every pound especially in the better grades, is needed by industry today, and it is difficult to see how production is going to keep abreast of consumptive demands during the next ten years. Disregarding the temporary depressions due to more or less local causes that are common to all industrial lines, and looking at the future in the broadest possible way, it is impossible not to believe that cotton will in the future play an even greater part in the world's business than it has in the past.

Cotton Production of the World.

(In bales of approximately 500 lbs.)

Year.	Total.	Year.	Total.
1800....	1,040,000	1893....	11,771,000
1810....	1,110,000	1894....	13,619,000
1820....	1,250,000	1895....	11,923,000
1830....	1,670,000	1896....	13,501,000
1840....	2,600,000	1897....	15,959,000
1850....	2,875,000	1898....	16,442,000
1860....	5,102,000	1899....	14,394,000
1870....	6,150,000	1900....	15,513,000
1875....	6,735,000	1901....	16,739,000
1876....	7,271,000	1902....	17,636,000
1877....	7,216,000	1903....	17,015,000
1878....	7,037,000	1904....	20,706,000
1879....	8,252,000	1905....	18,256,000
1880....	9,285,000	1906....	22,467,000
1881....	8,538,000	1907....	18,640,000
1882....	10,260,000	1908....	22,271,000
1883....	9,028,000	1909....	20,536,000
1884....	8,876,000	1910....	22,829,000
1885....	9,396,000	1911....	26,168,000
1886....	10,077,000	1912....	26,044,000
1887....	10,623,000	1913....	27,703,000
1888....	10,413,000	1914....	23,866,000
1889....	11,376,000	1915....	17,609,000
1890....	12,522,000	1916....	18,095,000
1891....	12,842,000	1917....	20,880,000
1892....	10,590,000	1918....	20,660,000

Cotton Production of the World and Average Quantity Per Capita

Year	Crop (Million lbs.)	Population (Millions)	Average lbs. Per Capita
1800	500	640	.8
1810	550	700	.8
1820	650	780	.9
1830	835	850	1.0
1840	1,300	950	1.3
1850	1,490	1,075	1.5
1860	2,550	1,200	2.1
1870	2,875	1,310	2.3
1880	4,643	1,440	3.1
1890	6,261	1,490	4.2
1900	7,566	1,570	4.7
1910	11,414	1,650	6.9
1913	13,850	1,700	8.1
1914	11,933	1,706	7.0
1915	8,800	1,710	5.3
1916	9,067	1,715	5.4
1917	10,440	1,721	5.9
1918	10,280	1,729	6.0

Approximate Share of World Cotton Crop Consumed in United States (Bales of 500 Pounds)

Year	World Crop (Bales)	U. S. Consumption (Bales)	Per Cent of World Crop Consumed in U. S.
1860	5,102,000	841,000	16
1870	5,750,000	796,000	14
1880	9,285,000	1,501,000	16
1890	12,522,000	2,518,000	20
1900	15,513,000	3,687,000	23
1910	22,829,000	4,759,000	21
1914	23,866,000	5,943,000	21
1917	20,880,000	7,721,000	37
1918	20,660,000	7,732,000	37

Cotton Spindles of the World, 1850 to 1918, by Principal Countries

	United States	Great Britain	Continent of Europe	India	Japan
1850	3,998,000	21,000,000	6,000,000		
1860	5,236,000	33,000,000	10,000,000		
1870	7,132,000	36,000,000	13,000,000		
1880	10,653,000	41,000,000	21,460,000	1,461,000	
1885	13,375,000	43,000,000	22,750,000	2,146,000	
1890	14,384,000	43,750,000	25,460,000	3,274,000	
1895	16,100,000	43,187,000	27,130,000	3,810,000	1,300,000
1900	19,472,000	42,460,000	31,920,000	4,946,000	1,333,000
1905	23,687,000	45,973,000	36,112,000	5,163,000	1,402,000
1910	28,267,000	57,732,000	41,011,000	6,196,000	1,897,000
1915	31,964,000	59,905,000	43,216,000	6,779,000	2,657,000
1918	34,543,000	57,243,000	44,019,000	8,861,000	3,277,000

Cotton Mills of the World

Countries		Mills	Spindles	Looms	Consumption (Bales)	Hands Employed
Great Britain	1915	2,009	59,904,873	808,145	3,881,230	655,000
United States	1915	1,451	32,400,792	689,840	6,065,686	379,000
Canada	1915	42	1,405,656	31,979	184,685	18,055
Germany	1914	372	10,162,872	230,200	1,979,958	375,000
Russian	1915	99	7,665,654	213,179	1,400,000	375,000
Poland	1914	38	1,222,257	31,000	325,000	50,000
Finland, etc.	1914	6	236,752	5,741	25,000	6,857
France	1914	430	7,400,000	108,000	1,120,000	160,570
Austria-Hungary	1914	160	4,941,320	170,000	842,591	175,000
Switzerland	1915	62	1,385,441	21,561	99,000	21,000
Italy	1915	480	4,600,000	140,000	850,000	170,000
Spain	1915	257	2,100,000	55,000	420,000	70,000
Portugal	1914	35	428,000	12,000	56,000	25,000
Belgium	1914	53	1,775,000	24,000	250,000	11,000
Holland	1914	65	606,646	39,800	105,000	25,000
Sweden	1914	49	461,764	12,422	100,000	11,810
Norway	1915	13	81,814	2,626	14,255	2,878
Denmark	1914	5	88,700	4,350	27,500	1,150
Bulgaria	1914	5	19,539	350	5,000	632
Turkey	1914	9	70,000	.....	40,000	2,000
Cyprus	1915	1	1,574	.....	500	54
Greece	1914	19	73,898	1,160	23,250	3,503
Egypt	1914	1	20,000	525	7,000	550
Asia Minor	1914	7	41,000	.....	47,400	3,030
India	1914	271	6,778,895	104,179	2,143,126	260,276
China	1913	34	1,000,000	4,755	525,000	.....
Japan	1915	175	2,657,000	25,443	1,553,919	111,712
Indo-China	1915	5	700,000	500	27,000	3,000
Philippines	1914	1	7,440,000	272	1,560	300
Brazil	1913	171	1,520,000	50,000	330,000	106,200
Argentina	1914	6	9,000	1,200	.....	1,600
Uruguay	1911	3	.....	300	.....	.....
Chile	1911	3	5,000	400	.....	.....
Peru	1910	7	52,250	1,750	12,600	.....
Colombia	1914	9	20,000	941	3,520	2,591
Ecuador	1911	4	5,000	200	.....	.....
Venezuela	1915	4	19,000	500	6,216	1,800
Guatemala	1911	1	8,000	250	2,000	550
Mexico	1913	139	762,149	27,019	160,000	34,500
Total (estimated)	.....	6,483	150,737,290	2,819,607	22,633,996	3,059,618

Machinery For SALE

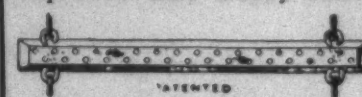
For Sale 6 Fales & Jencks Twisters, 2-inch ring. 4 Universal Winders, tube, cone and paralleling attachments. 1 17-K. W. Generator, 1 19-K. W. Generator and 1 7½-K. W. Generator, all prices low.

Hunter Machinery Co.,
Marion, N. C.

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Richmond, Va.
Supplying Cotton Mills with
Water for 30 Years

Improved Rice Dobby Chain



reduces broken bars to a minimum because the wire eyes do not break into the side walls of the peg holes. The eyelets are fastened so securely that they cannot work loose.

Rice Dobby Chain Co.
Millbury, Mass.
Send Us Your Order To-day

Textile Mill Floors Scrubbing Powder



We are pleased to advise that our business so far this year has DOUBLED and Then Some over 1919. WHY?

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MI CLEANSER

IS PERFECTED NOW

Your mill supply house will furnish you MI CLEANSER, or order direct from the factory

Champion Chemical Co.

Charlie Nichols, General Manager
Asheville, N. C.

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AMERICAN MADE



PROMPT SHIPMENT

SULPHUR NAVY BLUE
U. C. P.

The Best
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Colors

SULPHUR BLACKS
JET OR BLUE SHADES

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THE MOST EFFICIENT AND ECONOMICAL BOIL-OFF OR FINISH FOR RAW STOCK
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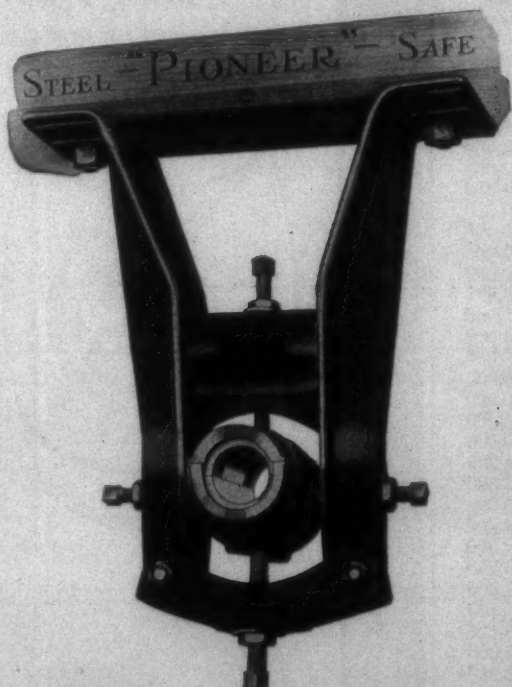
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Remember the safe equipment of your plant is just as important as safeguards. Steel shaft hangers are an important requisite in SECURING CONDITIONS OF SAFETY in the operation of your plant. Steel hangers are just as necessary for preventing accidents as are guards and goggles. A steel hanger does not break. A cast iron hanger is liable to break at any time and let fall couplings, pulleys and belts on your employees. No plant can be considered safe where such danger exists. Progressive manufacturers and those having charge of accident prevention work are installing

Unbreakable "Pioneer" Steel Shaft Hangers

in their plants because they furnish the safest possible hanger conditions. Do not wait until a serious accident convinces you. Equip your plant for 1920 with the Unbreakable "PIONEER" Steel hanger. Your inquiry will receive our careful and prompt attention.

STANDARD PRESSED STEEL CO.

PHILADELPHIA

IDEAL POWER TRANSMISSION

Standard Pressed Steel Company
Philadelphia, Pa.

"ARROW" BELTING
Selling Agent

Hyatt Roller Bearing Company
NEW YORK

COTTON STATES BELTING & SUPPLY CO., Atlanta, Ga.

Pacific Village on Decided Boom.

Columbia, S. C.—The Pacific Mills has in its employ now 1,625 men, women and children. Of this number 131 are negroes. The pay roll for each week amounts to \$33,000. The average salary paid by the mills per week is \$23.75 per capital.

The number of men employees is more than double the number of women employees, there being 1,006 men and 500 women. There are 59 boys employed in the mills who are between the ages of 14 and 16, and 48 girls who are between those ages.

The population of the Pacific Mills village is about 4,500, little more than one-third earning the support of the entire number.

W. P. Hamrick, general superintendent of the mills, says that the living conditions of the employees of the mills are far better than they have ever been before. He says that a noticeable change is the fact that so much of the aimless wandering from one mill to another by the mill people of five or six years ago has decreased to a great extent. Mr. Hamrick gives as a reason for this the wise and rapid improvements that have been made in the mill village and the effort on the part of the mill authorities to make the people happy and contented. The houses have been made comfortable, modern conveniences put in, a community center established, club work made interesting, playgrounds and other places of amusement added.

Weekly reports show that those employees who move most are those who have been at the mills for less than three months. One of these reports shows the following figures

for one week: 50 employees left and 41 hired; of the number leaving 23 had been there for less than one month, 12 for less than three months, 12 less than a year and two over a year. Another report shows 61 leaving in one week, 56 employed; of those leaving 25 had been there less than one month, 16 less than three months and 12 less than a year. Some employees have been there since the separate mills have been founded.

Just now the company is curbing the streets of the village and extending the sidewalks so as to enlarge the front yards of the homes. The front yard of every house in the village is having a nice looking wire fence put around it so that the people may have flower gardens, which the mill is urging that they plant right away. The back yards were fenced in with wire several years ago. It is contemplated paving the sidewalks in the future, although this work will not be begun soon.

The mill has cut up into plots of about one-fourth of an acre each, about 15 acres of land in one spot and given it free of rent to all those employees who wish to have gardens. There is also more land in other parts of the territory which is used for the same purpose. Numbers of the employees have taken advantage of this opportunity and have flourishing gardens. Others have promising looking gardens at the back of their houses.

The people are beginning to take more interest in the appearance of their homes, as a trip through the village will show. Some of the houses are pictures of neatness and coziness with their freshly painted

cleanness, their snowy curtains and bright flower gardens. The houses rent for \$2 per room and are all equally well kept by the mill company.

The health conditions at the mills, Mr. Hamrick says, are better than they have been in some time. Three nurses are employed all the time, and although there is no resident physician, there are three clinics and the plans of establishing a fourth in the near future. These include a regular medical clinic, a baby clinic, ear, throat and eye clinic, all of these under the supervision of Columbia physicians. The new clinic will be a dental one.

The Pacific Mills dairy contains 40 cows and sells on the average of 70 gallons of milk each day. It is equipped with all modern conveniences and appliances. In addition to this, there are about 150 cows in the village owned by individuals, Mr. Hamrick says.

All that can be done to make its employees live normal, healthy and happy lives is being done by the Pacific Mills.

Ice Cream Supper at Amazon Mills.

Saturday night, August 14th, the Amazon Cotton Mills, Thomasville, N. C., acted as host at an ice cream supper given to all their employees and quite a number of their friends.

Owing to the inclement weather some of the amusements had to be dispensed with, such as music by the band, singing, etc. But there was an abundance of ice cream, cold drinks, watermelons, cigars and cigarettes which were greatly enjoyed by all present.

Superintendent O. L. Wagstaff made a short talk on the prosperity of the past six months compared to the adverse conditions the mills were now passing through.

There were 2,500 tickets issued for the occasion. Good order prevailed, and everyone enjoyed the occasion.

Mill Youngsters Have Great Time.

The boy scouts of Pacific Mills, Columbia, S. C., have returned from an outing spent at Camp Fallow, near Batesburg. Jack Crawford, community director of the mills, who accompanied the boys on the camp, says that neither he nor the boys ever enjoyed an outing so much as they did this one.

One of the main features of the trip was the big swimming pool which was at the boys' disposal. Mr. Crawford said this pool measured 60 by 90 feet and the boys enjoyed it to the fullest extent.

There were 31 boys between the ages of 12 and 18 years. Besides Mr. Crawford, they were accompanied by Albert Wallace, scout master.

As an instance of their very healthy appetite, Mr. Crawford says they bought a wagon load of 50 watermelons expecting them to last for several days and were somewhat humiliated to observe that they lasted only two meals.

The boys attributed much of the success of their trip to the kindness of W. H. Fallow, owner of the property on which the camp is situated.

young man who has made up his mind to be a June groom. If the present prices won't scare him nothing you can say will.



FOR PROMPT SHIPMENT

ANILINE OIL

ANILINE SALT

META TOLUYLENE DIAMINE

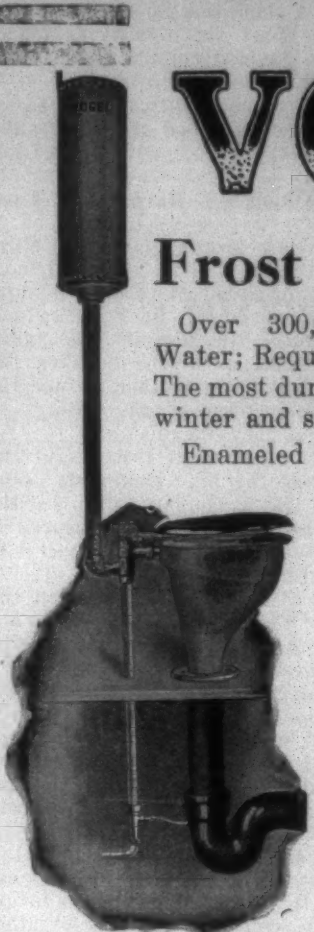
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CHARLOTTE, N. C.



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Frost Proof Closets

Over 300,000 giving satisfaction. Save Water; Require No Pit; Simple in the extreme. The most durable water closet made. In service winter and summer.

Enameled roll flushing rim bowls.

- Heavy brass valves.
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- Heavy riveted tank.
- Malleable seat castings will not break.

Sold by Jobbers Everywhere.

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Diamond Fibre Receptacles are an efficient and economical transportation system. They are made of Diamond Fibre, which is tough as horn and almost as hard as iron, yet lighter than aluminum. This material does not dent, crack, break, or splinter. A superior material and superior construction provide an unusual combination of great strength and durability with light weight and convenience.

Your product is protected when handled in these receptacles, because the interior construction is smooth and flawless. For example, Diamond Fibre Seamless Roving Cans are in great demand by mills because there is not a seam or projection to catch a particle of the contents. Furthermore, the close texture and glossy surface of the fibre prevent the clinging of dust and dirt. Diamond Fibre Receptacles preserve their fine appearance under the hardest usage because the color is in-built and the surface does not chip, nick, or wear off.

There is a Diamond Fibre Receptacle for every mill need. Our roving cans, mill boxes, and baskets, doffing cans, gill cans, trucks, barrels, etc., are leaders in their respective fields. Standard sizes and designs, or made to any specifications. Write us your requirements and let us co-operate.

We maintain an office in Greenville, S. C., to serve the Southern mills.

SEND FOR SPECIAL CATALOGUE

Diamond State Fibre Company

DEPARTMENT S-T

Bridgeport, Pa. (near Philadelphia)

In Canada, Diamond State Fibre Co. of Canada, Ltd., Toronto.

Keen Interest in Textile Exposition at Greenville.

Greenville, S. C., Aug. 12.—Although the fourth Southern Textile Exposition is two months off, the interest shown throughout this section is, at this early date, almost as great as it has ever been known. Indications are that every foot of exhibit space will be taken long before the opening, October 18th. Hundreds of applications have come in from manufacturing plants from all parts of the country. The management already is estimating on fully 100,000 visitors coming to Greenville October 18-23. Many homes are being listed to furnish accommodations to those who will be unable to be taken care of at the hotels.

Wm. G. Sirrine, president of the Southern Textile Exposition, announces that plans are shaping up well, and that when the doors of the Mammoth Textile Hall are thrown open one of the greatest textile shows ever presented in the South will be seen. While there is keen rivalry between Greenville and Spartanburg, ordinarily, the Southern Textile Exposition is one thing in which mill executives of the entire Piedmont unite in making a success.

Hester's Annual Cotton Statement.

New Orleans, Aug. 7.—The complete statement of the cotton crop of the United States for the cotton year just ended on July 31 was given to the trade today by H. G. Hester, secretary of the New Orleans Cotton Exchange.

Outstanding features in the report were the figures on values, Secretary Hester saying that prices paid for the crop were the highest in 53 years, and the figures on exports which credited Germany and Austria, after having been practically out of the American market since 1914, with taking 475,000 bales. Total exports of American cotton for the year were over 900,000 bales larger than for the preceding year, the total movement being 6,366,008 bales from all ports, against 5,485,434 last year.

The total value of the crop of 1919-20 was placed at the enormous sum of \$2,516,544,520, an increase of \$471,292,652 over the valuation of the preceding crop. In this sum is included the value of the seed. The average price of middling spot cotton during the year was 38.21 cents a pound, which, compared with the average of 30.36 for last year and the average commercial value per bale, was \$182.98, against \$155.14 last year.

As stated in a preliminary report of the trade on the first day of the new cotton year, the size of the old

commercial crop was 12,443,000 bales, which compares with a crop of 11,640,000 bales last year.

The actual growth of 1919-20 was placed at 12,000,000 bales. The total carry-over from previous seasons amounted to 6,086,000 bales, which was 758,000 bales larger than it was a year ago.

The consumption of American cotton by American mills was put at 6,351,000 bales, 3,691,000 bales in the South and 2,660,000 in the North. In addition, American mills consumed 417,000 bales of foreign grown cotton, the largest consumption of foreign cotton ever recorded. The grand total of American consumption was 6,768,000 bales, against 6,207,000 bales for the preceding year. World's consumption of American cotton for the year was counted at 12,735,000 bales, against 10,600,000 for the preceding year. Foreign consumption of American cotton amounted to 6,384,000 bales, against 4,566,000 for the preceding year.

Arcadia Mills of S. C. Erecting Modern Town.

Spartanburg, S. C.—An immense amount of construction work is being done at Arcadia Mills. The statement of Dr. H. A. Ligon, president of the mills, is that when this work is completed Arcadia will be second to no other manufacturing center in the country as an attractive mill town. An up-to-date sewerage system is being installed. No expense is being spared to make this system perfect in every detail.

Many new cottages on both sides of the stream which splits the village into two sections are being erected for operatives. These cottages will be modern in every respect. Sewerage and electric lights are being provided for every dwelling. The exterior of the cottages is being given the same careful attention as the interior, and with the idea of the "village beautiful" in mind, the grounds around these houses are being beautified by landscape gardeners. All old houses are being remodelled. A huge pasture, once an unattractive area and an "eye sore" to the village is being transformed into a very pretty residential section.

Among the improvements at Arcadia is the remodeling of the school building. The structure, already inadequate to the ever-increasing enrollment, is having new rooms added. New homes for the teachers are also being built.

"I always sleep with gloves on. That is what makes my hands so soft."

"H'm! Do you sleep with your hat on also?"—Klods Hans (Copenhagen).



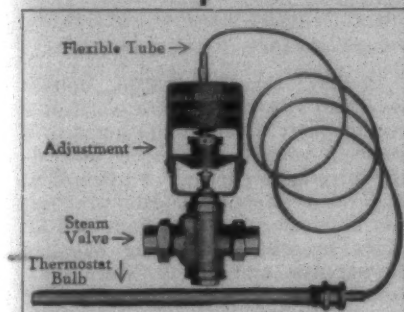
"Come on, Bill, give us a hand."

"Can't! Have to watch this temperature."

A highly paid man made into a watcher instead of a worker. Labor is so scarce and costly, each man should be made to *produce*. Don't let him do automatic work that a machine can do.

The Powers Automatic Heat Regulator

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This Regulator is self-contained, requiring no outside power for operation. Automatic, reliable, accurate. Specially adapted to the control of liquid temperatures in hot water tanks, dye kettles, size boxes, etc.

This simple, scientific appliance, once installed, stays on the job every minute and releases high-priced men for work that a machine can't do.

Don't keep Bill watching the temperature. He's human and he might *forget* to "turn 'er off."

Tell us your heat control problem, and we will send you the type you require. If it doesn't make good in thirty days, send it back and we will cancel the charge.

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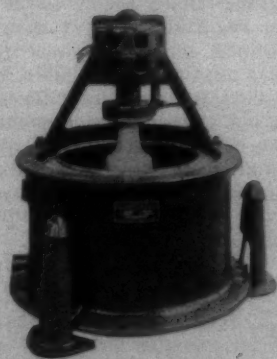
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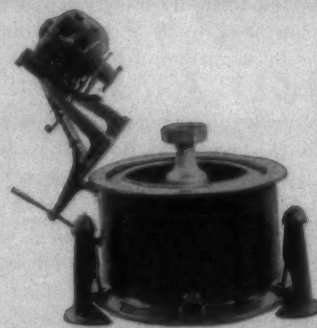
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SOUTHERN TEXTILE BULLETIN

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THURSDAY, AUGUST 19, 1920

Cotton Has No Friends.

At this present time it does not seem that cotton has a friend in the world.

Both the speculators and the public have been selling the market down ever since December futures were at 36 cents and now they are freely predicting 25 cents and a few are saying that the downward trend will continue until a point somewhere between 12 and 20 cents is reached.

Of course, such price declines are within the range of possibility but it must be taken into consideration that the cost of raising cotton is now around 25 cents and that strong resistance is always felt when any commodity is reduced very near to the cost of production.

The buying power of cotton mills has been entirely absent from the market during the present decline because the mills have not been selling goods and therefore have had no incentive to buy cotton.

On the other hand futures have been so far below spot cotton prices that there has been an absence of hedge selling from dealers.

For almost two weeks there were continual rains over the entire cotton belt and the wise ones predicted a crop scare and that a covering movement by the shorts would force the market to higher levels.

The result, however, was that the more it rained the lower the market

went and the short interest seemed to sell more rather than to cover.

The cotton mills usually have little interest in the movements of cotton futures but the weakness of cotton futures is having a bad effect upon the price of cotton goods and yarns.

If something could cause a stiff advance in the cotton market we believe that it would cause the buyers of goods and yarns, who have been waiting for the bottom, to begin to buy and business would become normal again.

With the cotton market without friends and sagging every day, the buyers of goods and yarns feel easy and see no reason to place orders.

Maybe they are overplaying the game and the buying of today may be crowded into tomorrow with the results that will make the cotton manufacturer look back upon this period as one that produced profitable results.

Tilson Inquiry Proves a Boomerang.

When Congressman Tilson attacked the fine yarn spinners of the South and started the congressional investigation New England applauded and seemed to believe that all of the profiteering was in the South but it has proved a boomerang as will be noted from the following story from New Bedford:

"The Federal investigation into the cost and selling price of combed cotton yarns has come to an abrupt

halt so far as New Bedford spinning mills are concerned, because of the refusal of the local mill authorities to give the corps of investigators sent here by the Federal Trade Commission access to their books.

"B. Gordon, who is in charge of the delegation of ten investigators sent here under the terms of the Tilson resolution, stated that the facts concerning the New Bedford situation has been reported to Washington and might be incorporated, with the names of the various corporations that had refused access to their records, in the official report of the commission to Congress. He declared that in every other textile center that the investigators have visited the mills have been willing to co-operate with the investigators in arriving at the facts.

"For the present the various investigators have been sent to other New England cotton yarn establishments outside of New Bedford or Fall River."

July Directory Ready.

After unusual delay we have finally received from the binder the July 1st, 1920, edition of Clark's Directory of Southern Textile Mills and are now in position to fill orders. This edition includes data on all of the new cotton and knitting mills and also those under construction. The price is \$2.00 per copy.

The Situation in England.

There has been some dispute about the improvement in cotton goods and yarns in the English market and the following extract from the market report of the Cotton Factory Times of England will throw some light upon the real situation:

"The yarn market has been rather less dull during the week than has recently been the case, and whilst it is impossible yet to report anything like general activity there has occasionally been some little relief from the monotony and total absence of business which have hitherto had to be reported. Spinners of many counts and qualities are quite prepared to do business on what they consider reasonable terms, and although prices are high and margins large, at any rate on paper, the cost of production has certainly to be kept well in mind. It appears now that a basis for a larger business has been arrived at for users and buyers have certainly done more in the way of placing fairly large orders during the last week or two than has been possible for some months, and whilst the buying so far can only be termed sectional and partial there are expectations that a beginning has been made towards the transaction of business generally which is now somewhere about due.

"There has been some increase of activity in the cloth market during the week, and although business has been of a somewhat sectional character a more hopeful tone has pre-

vailed that trading of considerable magnitude might easily become fairly general. Manufacturers are variously situated as regards the extent to which they are engaged, and consequently as to their ability to dispose of production against existing contracts, and there is some irregularity in the matter of prices that are being accepted where business is urgently wanted."

Negroes Have Silk Shirt Party.

The following story appeared in the Monroe (N. C.) Enquirer and would seem to indicate that the negroes of that section are still rolling in wealth. Monroe has a large number of railroad negroes and this silk shirt party was given before the recent advance in railroad wages.

"Nearly three hundred dollars worth of silk shirts were worn at a recent party given at the home of a colored woman in Monroe, according to reliable parties. A prize of \$2 had been offered for the prettiest silk shirt worn at the affair, and all those present, numbering between twenty-five and thirty, were contestants. A negro in the employ of the Heath-Morrow Company was the winner with a shirt costing \$12.50. Shirts, it is said, were worn that cost \$15 and none of them sold for less than \$10. The Heath-Morrow Company negro won the prize by the beauty of the material, and not on account of the high cost. A committee made a minute inspection of each shirt before making the award."

Optimism for Future.

While admitting that one finds it difficult to get much in the way of hopeful or optimistic opinion for the near future, there seems to be no question regarding distant months. For instance, one factor who predicts that anything is possible during the next few months, offered to make a bet that, during December, a certain concern would do a business equal at least to that of any four months of the last year combined, with the exception of January and February. While others may not be willing to predict as much as this, they talk freely of the prospects for the end of the year, and early 1921.

Could Not Have Been Much Curtailment During July.

Judging from the latest report of the Census Bureau, issued on Saturday, regarding domestic mill consumption of cotton for July, there could not have been much curtailment during that month, in spite of all reports to the contrary. The Census Bureau reports cotton consumption for last month, excluding linters, as 525,405, against 510,328 for the corresponding period of last year or an increase in consumption for the month of over 15,000 bales more than in July of last year.

In manufacturing establishments 1,356,777 against 1,303,418 last year.

Personal News

W. M. Huffman is now overseer of spinning at Deep River Mills, Randleman, N. C.

G. W. Baughcom is now section hand in spinning at Star Thread Mill, Athens, Ga.

W. F. Stephens from Meridian Miss., is now fixing looms at Lancaster Cotton Mills, Lancaster, S. C.

W. P. Hazelwood has been appointed general manager of the Adelaide Mills, Anniston, Ala.

L. E. Perkerson has been appointed weaving overseer at the Maginniss Mills, New Orleans, La.

T. B. Rector from Charleston, S. C., has taken charge of the cloth room at Pomona Mills, Greensboro, N. C.

R. B. Johnson, from Bessemer City, N. C., is overseer of weaving at Palmetto Damask Mill, Gaffney, S. C.

J. A. Burts has been promoted from second hand to overseer of spinning in No. 2 mill at Stonewall, Miss.

G. W. Minyard is now overhauler of spinning and twisting for the Capps Manufacturing Company, Toccoa, Ga.

F. M. Ward, of the Southern Spindle Flyer Company, Charlotte, N. C., is looking after some work for Unity Spinning Mills, LaGrange, Ga.

C. P. Gray has resigned as master mechanic at Mary-Lelia Cotton Mills, Greensboro, Ga. to engage in automobile work.

Geo. W. Layfield from Stonewall, Miss., is now overseer of spinning in Hamilton Carhartt Cotton Mill No. 4, at Mobile, Ala.

Wm. H. Johnson has returned to his former position as overseer carding and spinning at the Atlanta (Ga.) Woolen Mills.

J. E. Myers, formerly overseer of cloth room at Buffalo, S. C., is now overseer of cloth room at Eureka Mills, Chester, S. C.

R. D. Puttman, formerly loom fixer at Columbia, S. C., now has a similar position with Lancaster Cotton Mills, Lancaster, S. C.

C. E. Davis has resigned as superintendent of Bibb Mill No. 1, Macon, Ga. to become superintendent of the Quitman (Ga.) Cotton Mills.

N. M. Neal from the Edna Mill, Reidsville, N. C., has accepted position as second hand in weaving in the Waterloo Mills, Nashville, Tenn.

W. R. Hanes has changed from section hand in spinning at Star Thread Mill, Athens, Ga., to second hand at Pine Creek Mill, Camden, S. C.

D. K. Dunn, overseer of carding at Adams Cotton Mill, Macon, Ga., was in Charlotte last week on his way to Danville and other points on vacation.

J. A. Wofford has changed from overseer of weaving at Baldwin Cotton Mills, Chester, S. C. to similar position with Dunbar Mills, Greenville, S. C.

N. L. Dawkins, from Greensboro, N. C., is now second hand in cloth room, Fulton Bag and Cotton Mills, Atlanta, Ga., succeeding B. P. Gray, who resigned.

T. L. Lawson has resigned as machinist at the Hamburger Cotton Mill, Columbus, Ga., to accept a similar position with the Millen Cotton Mill, Millen, Ga.

C. B. Harris, formerly night overseer of weaving in Erlanger Mill, Lexington, N. C., is now overseer of weaving in the Warioto Mill at Nashville, Tenn.

J. L. Cooper has resigned as overseer carding at Lois Cotton Mills, Douglasville, Ga., and has accepted a similar position with Easley Cotton Mills, Easley, S. C.

T. J. Digby, Jr., has resigned as overseer of weaving at Simpsonville (S. C.) Cotton Mill to accept a similar position with Baldwin Cotton Mills, Chester, S. C.

Jesse Jewell, overseer of spinning at Fountain Inn, S. C., will take charge of spinning for the Ware Shoals (S. C.) Manufacturing Company on September 1.

Wm. D. McCombs, superintendent of the Union Thread Mills, Athens, Ga. lost his eldest son who was accidentally drowned in Oconee River August 1 while bathing.

George B. Lee has resigned his position at Orangeburg, S. C., to become overseer of spinning, spooling and twisting for the Crawford Cotton Mills, Crawford, Ga.

J. D. Lokey has resigned as overseer of carding for the Ware Shoals Manufacturing Company, Ware Shoals, S. C. Furman Clark, from Lancaster, S. C., succeeds him.

P. F. Clark has resigned his position as overseer carding No. 3 mill, Lancaster, S. C. to accept similar position at Ware Shoals Manufacturing Company, Ware Shoals, S. C.

W. M. Sellers, formerly with the Whitney Manufacturing Co., of Whitney, S. C., has succeeded M. Sanders as overseer of spinning at the Tucapau Mills of Tucapau, S. C.

Vivian R. Gall, of Johnston, S. C., has been elected secretary of the Banna Manufacturing Company, Goldville, S. C., to succeed William A. Moorhead, who has been elected president of the company.

Johnson Allsbrook, who has been in charge of the dye works for the Scotland Neck (N. C.) Mills for 23 years, resigned his position last Saturday. Mr. Allsbrook was held in high esteem by the management of the mills, and resigned of his own accord.

John W. Graves, formerly with the Callaway group of cotton mills in Georgia, has joined the selling force of the Saco-Lowell Shops and will make his headquarters with Walter W. Gale in the Greenville, S. C., offices of Saco-Lowell. Mr. Graves was graduated from the textile department of the Georgia School of Technology.

Bleached Goods

(SELLING POINTS XXV)

Peroxide-bleached goods have a permanent white without weakening, greatest softness and elasticity.

That is what every Peroxide bleacher tells us.

Cost is not necessarily higher.

What does this mean to you, Mr. Selling Agent?

Peroxide bleaching advice free to mills.

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Employers Liability

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The MILLERS INDEMNITY UNDERWRITERS saved Southern Textile Mills twenty-seven per cent. of their liability insurance premiums for the years 1918 and 1919. We specialize in class insurance, which is the real answer to INSURANCE AT COST.

Our service is of a personal nature, and through our Greenville Office we are specially equipped to care for the needs of the Carolina Mills.

MILLERS INDEMNITY UNDERWRITERS

BAILEY & COLLINS, Managers
Greenville, S. C.

Atlanta

Dallas

New Orleans

MILL NEWS ITEMS OF INTEREST

Belton, S. C.—Woodward, Baldwin & Co., of New York, have issued formal announcement of their appointment as sole selling agents for Belton Cotton Mills.

Reidsville, N. C.—The Edna Cotton Mills started up again Monday morning after a shut down of 10 days for repairs to machinery and to give the operatives a well earned summer vacation.

Seneca, S. C.—Directors of the Courtney Manufacturing Company have passed a resolution asking the stockholders to increase the capital stock to \$100,000. President Gassaway, of Greenville, has called a meeting of stockholders to be held on September 1.

Gaffney, S. C.—The Cherokee Weaving Mills, Gaffney's latest industrial enterprise has purchased a lot just in the rear of its building on Limestone street upon which it will erect a large warehouse for the purpose of storing its goods. Fifty looms have already been installed and it is likely that within the next thirty days the plant will be in full operation.

Mooreville, N. C.—Houses are going up like magic at the Mooreville Cotton Mills' plant in the southern end of the city, and it is said that Contractor Davis is building a house, completely finished, every fifteen hours. The mill company has recently purchased the property facing Broad street and Wilson avenue, and will begin the erection at once of a handsome residence for Mr. J. M. Kennett. Mr. Charles Lauback, of Pennsylvania, is building a 200-foot smoke stack for the new boiler room at the mill, and the progress of the new dye house is making a good showing. In fact, things are moving rapidly at the mill.

Stamford, Tex.—Stamford has been selected as the location for a \$500,000 cotton textile mill, according to F. W. Strang, president of the Continental Tire & Rubber Co., with general offices in Dallas. The plant will employ approximately two hundred persons and have an initial monthly payroll of \$40,000. The plant is expected to consume 12,000 bales of cotton from Jones and surrounding counties, making fabric and cord for the finishing and rubber plant the company is building at Dalworth, Mr. Strang said. The rough and dirty cotton of the county, which now finds no sale, will be used by the plant in the fabrication of auto tires of a cheaper grade, it was said.

Cotton Fraud Trials Up.

Anniston, Ala.—Trial of principals in the Savage Cotton company of Talladega charged with fraudulent cotton shipments to North and South

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Carolina textile plants, involving \$500,000 will be started in U. S. court August 16th.

Trinity May be Given the Southern Power.

Durham, N. C.—Reports circulated here are to the effect that James B. Duke of Durham, Charlotte and New York, is taking steps to transfer the Southern Power company and all its subsidiary companies to Trinity college as a gift. It is stated, however that a certain sum from the proceeds of the company will be set aside as a maintenance fund for superannuated Methodist ministers, and also a certain annual sum to certain relatives of Mr. Duke.

If these reports are true, Trinity will take rank with the largest universities of the country, such as Harvard, Chicago, Columbia and Lelan Stratford.

New Equipment for Textile Department, State College.

During the past week the textile department of the State College, which is the North Carolina Textile School, received additional equipment of machinery for the weave room. This includes two Crompton & Knowles automatic looms for fancy goods and a dobby head specially made for demonstration purposes.

Recently a Crompton & Knowles tire fabric loom was added to the equipment which now consists of thirty-four looms and includes the latest and most up-to-date machines that can be obtained.

The equipment in all departments of the textile school is complete and of the latest type, which makes this school one of the best equipped in the country for instruction in cotton manufacturing.

Victor-Monaghan to Pay Dividends.

Declaration of 2 1/2 per cent quarterly dividend and a 3 per cent extra cash dividend and the election of officers and directors featured the well-attended annual meeting of the stockholders of Victor-Monaghan Mills, held in the company's offices here and presided over by the former president, M. C. Branch, of Richmond.

As the Victor-Monaghan company was liquidated through the Victor-Monaghan mills a short while ago, the directors from the two old boards that were chosen comprise in reality a new board. Those selected to the directorate were the following: H. J. Haynsworth, P. D. Wad, T. M. Marchant, W. E. Beattie and Thos. F. Parker, all of Greenville; M. C. Branch, Richmond; Ed-

For Sale.

One Palmer Forced Draft burner, used about two years. Camperdown Mills, Greenville, S. C.

win C. Bailey, Greer; Edwin P. Frost, Charleston; and J. P. Matthews, Columbia.

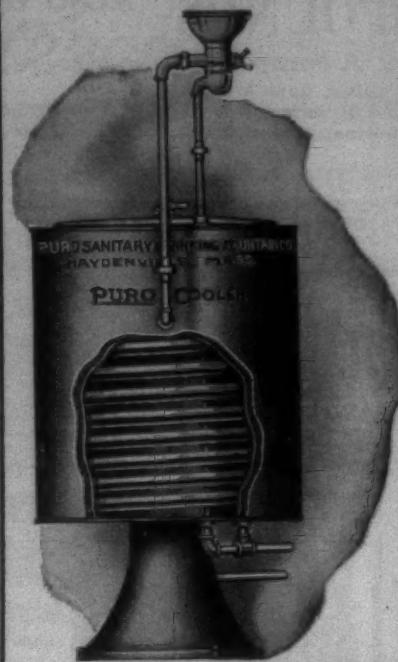
Officers of the company now are as follows: W. E. Beattie, president; T. M. Marchant, vice president and treasurer; Herbert Lindsay, secretary and assistant treasurer; W. E. Floyd, assistant treasurer.

Luther Reed Company to Go to High Point.

Greensboro, N. C.—Being unable to find a building in Greensboro suitable for housing its factory, the Luther Reed company, of Fall River, Mass., and Pawtucket, R. I., manufacturer of loom reeds, decided to locate its factory in High Point, according to Secretary C. W. Roberts, of the chamber of commerce, who for two weeks has been endeavoring to find a place for the enterprise here.

Mr. Roberts stated that, with Greensboro out of the running for this enterprise, the company considered High Point and Atlanta, deciding in favor of the former. It was with a great deal of reluctance that the chamber of commerce secretary saw this prospect slip through Greensboro, but, seeing that to land it was an impossibility under the circumstances, he recommended High Point as the next best place for the enterprise, and the recommendation was accepted.

F. Suter is president of the company.



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Roosevelt's motto was

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40 Feet Coil Pipe—
Cover with locking device
and rubber washer, making
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Prevents Your Waste and Broken Ends

The "NO-WASTE" Seamless Roving cans
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wherever roving cans are used. Practical
experience has taught mill men in all sections
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achieved only with an equipment of "NO-
WASTE" Seamless cans.

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J. C. LocklearCloth Room
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faces against ravages of the sea-
sons; contains no water, ammonia,
or tar acids—Number Fifteen, pen-
etrative and germicidal, does the
same for wood surfaces—Number
Three, Damp Proof, protects founda-
tion walls; seals them against
seepage—Roof Coating Number
One for felt, rubber or composi-
tion roofing; increases resistance
against elements.

AGASCO Creosotes, wood-preserv-
ative: Number Seven, dark brown
stain; Number Ten, crude; Number
Eleven, clear, color to be added by
you.

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Our FAN TYPE and HIGH DUTY HUMIDIFIERS
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Our CONDITIONING ROOM EQUIPMENT
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systems already installed)
Our AUTOMATIC TEMPERATURE CONTROL
Are all STANDARDS OF MODERN TEXTILE MILL EQUIP-
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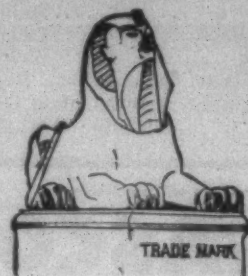
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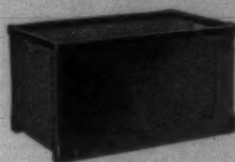
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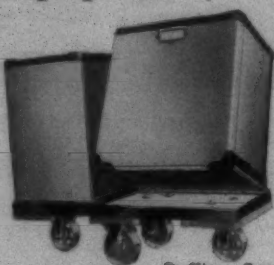
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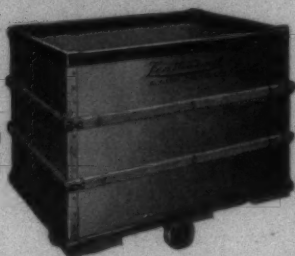
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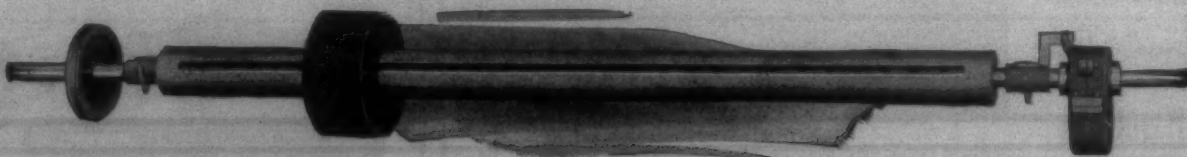
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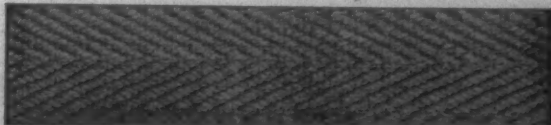
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New York

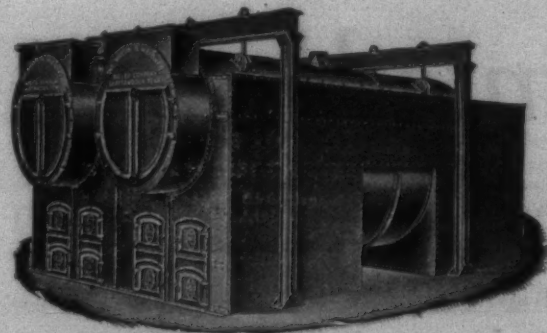


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Enjoyment of a meal and the diner's subsequent well-being depends upon many things. THE ANNEX endeavors to offer these things in a highly perfected degree. Among them, china, linen and silver service that is attractive.

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Use Dixon Patent Stirrup Adjusting Saddles, the latest invention in Saddles for Top Rolls of Spinning Machines. Manufacturers of all kinds of Saddles, Stirrups and Levers.

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Manufacturers of
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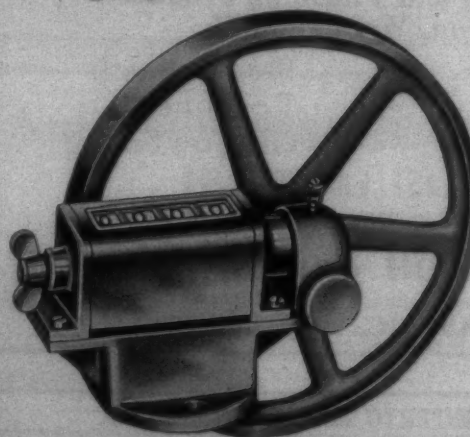
Let Down the Labor Cost

It becomes more and more necessary to reduce the labor cost, whether or not you reduce the working force. More production *per operative* must be had.

Closer check-up on each employee's work will get *closer attention* to work, busier machines, better production-records. And the check-up can be *automatic*—by putting in

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With the worker's record before him on the dial of a Veeder Counter, he pays due notice to *what's done* as the hours go by.



The Set-Back Yardage Counter at left measures yardage of output of finishing and other machinery, where make-shift devices or expensive measuring instruments have been used. The straight-face friction wheel $\frac{1}{2}$ yard in circumference is geared so it measures in units of one yard. The counter reads in plain figures, and can be set back to zero from any figure by turning knob once around.

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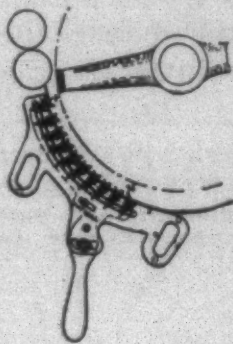
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Atherton Adjustable Pin Grids

most manufacturers are adopting, knowing that they will pay for themselves in a short time in the saving of good stock, at high price of COTTON today.

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Entrance requirements for four year Freshman Class, 14 units, distributed as follows: English, 3; History, 2; Mathematics, (including Algebra through Progressions and Plane Geometry,) 2½; Science, 1; Elective, 5½.

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which appeals to the experienced eye of the buyer of white goods is produced by using Marston's Bleachers Blue. Costs no more than the "just as good" and will give the results desired

Fast and Uniform

John P. Marston Company

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Knit Goods

Philadelphia.—It is true there has been some prying at the lid by buyers for getting an idea of spring prices and there is manifest some uneasiness over the ultimate effect of mill curtailment. But buyers seem no more inclined to use an order form than they were a month ago, the sellers say.

Some little business is being done in staple cotton hosiery, for immediate delivery, but most of the hosiery bought is from distressed stock generally in second hands. Such buyers would pay more than the prices asked, for they are taking only because they are in need of merchandise. Bargains are thrust at them by several commission houses, one of which, authorized to quote \$4.25 for full mercerized half hose and women's full mercerized at \$4.75 for 220 needle and \$5 for 240 needle, is instructed by one mill, "Don't miss an order." This is construed as meaning the mill would accept prices as low as supposedly financially strained establishments have named to speculators.

The most significant straw in the hosiery market, perhaps, was the placing of an order with a Pennsylvania mill for a Central West jobber at value, deliveries December and January. The mill agrees to sell and the jobber agrees to take at the mill's opening price for spring. When the mill will announce prices is not stated. The transaction stands on the honor of seller and buyer, each having absolute confidence in the fairness and integrity of the other. The order amounts to some hundreds of thousands of dollars. It would not have been placed at this time had mills continued in operation throughout the slump, piling up stock, it is admitted by one of the parties to the contract.

Transactions of this character will be comparatively few, for manufacturers as a class would not similarly engage with a jobber known to have cancelled orders, it is pointed out, nor would a jobber commit himself to a manufacturer having a reputation for attempting to dodge a contract in a rising market. It is expected reputation will figure quite considerably during the next market campaign; that cancellors will not be given preference by high grade mills, and that selling by manufacturers reputed in the better jobbing trade as finding a variety of excuses for non-delivery when the market was upward will be a less easy matter.

Silks, mercerized and lisle, are the only classes of hosiery in which lower prices will be possible, according to several leading mill heads. Heavy cotton consumption in June is advanced by one important executive as his reason for believing cotton hosiery is as low in price as it can be while present conditions last, and he is not quite certain that mercerized yarn will not go to a level at which it will be impossible to offer hosiery at the fig-

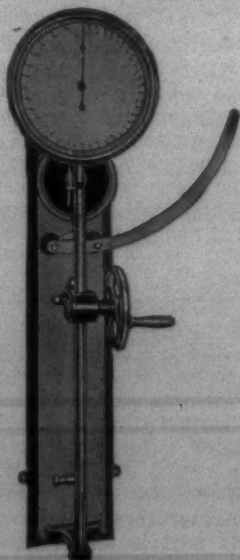
ures of a few manufacturers. The prices of mercerized yarns, it is held, are named not by spinners or mercerizers but by manufacturers, and so soon as these latter have gotten through selling it, will not be possible to buy at the figures at which they have been willing to part with their yarn. It is pointed out, in support of this proposal, that combed ply yarns in fine counts cannot be produced at cost as low as some recent prices named by manufacturers dumping their yarn.

"If you are not ready to believe that cotton hosiery is low in comparison with prices yet to be heard, you had better take a vacation," one mill executive writes to the mill's New York representative. "If 42-cent cotton does not make hosiery worth more than we have been getting for it, that is what we will do at the mill."

Manufacturers are in accord with the view that both cotton hosiery and cotton underwear for 1921 will cost jobbers more than they paid last year. A southern mill which was reported in need of business, with an accumulation of 144 needle half hose, was asked for samples and prices. His price is \$1.75, for looped toe. A commission house believes it could find an outlet at \$1.60; the manufacturer feels that it will be as easy to get \$1.75 later as \$1.60 now, particularly in view of the fact that similar stocks have been offered around \$1.50.

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One-third Saved on Leather Covered Rolls

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All Kinds of Warper Troubles

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Builders of Warpers, Linkers, Ballers, Reels, Etc.

The Yarn Market

Philadelphia.—About the only interest shown in yarns is by a few weavers, located outside of what is usually considered the normal radius of this market. Inquiry for knitting yarns of almost every description is entirely lacking and, in this respect, the local market is said to be harder hit than those of other textile centers.

This is explained as being due to the fact that a good many of the cotton goods manufacturers in Pennsylvania, especially among the knitters, have been less fortunate in their relations with their customers than have the mills located in New York State and in the East. Those who have recently made personal surveys of the situation among yarn users in Pennsylvania assert that the manufacturers overlooked a golden opportunity when they failed to take advantage of last year's heavy demand for goods, by agreeing upon a form of contract under which they would be protected against cancellations.

According to the view expressed, the Pennsylvania mills, as a rule, are today reaping the reward of their negligence in this respect. An many of the mills are concerned, order is no longer an order, as far as and the local yarn market feels the reaction of this situation in many ways.

How long it will continue depends entirely upon conditions beyond the control of yarn dealers, manufacturers, jobbers or retailers, it is felt here. As far as yarns are concerned, prices are believed to be low enough in many cases to encourage moderate buyer, if other conditions were favorable. In fact, during the week, there have been several small purchases by weavers, who volunteer the information that they find they can operate at a profit on the basis of current yarn rates, and state that if yarns in general were to drop about five cents a pound lower, they believe they could considerably increase the amount of business they are now able to get.

In this connection, it is asserted by yarn dealers that a good many of the smaller manufacturers are not giving yarn prices as close attention as present rates would seem to warrant. This applies, of course, to mills still having actual business on the books, or still getting new business from time to time, but not owning all the yarn which will be required to complete such business.

As to yarn stocks held in this market, it can be said with accuracy that nowhere are there normal supplies of carded yarns, although some are credited with holding some large stocks of combed yarns. When it comes to figuring how much yarn the manufacturers still have, it is obviously next to impossible to get a correct line on it. And yet this yarn is continually coming onto the market, and there are no indications that it will not continue to do so for some time to come, unless

some disaster to the cotton crop should suddenly reverse the trend of yarn prices.

These resales of yarn have had a large part in depressing the prices effective for spot deliveries. This influence on spot prices is still potent, but spinners are objecting to its being accepted as a legitimate factor in figuring the current market price of yarns. They say they cannot buy cotton at a price that would make it possible for them to supply yarns at a good many of the figures quoted in the regularly published yarn price list, and that, therefore, these quoted prices should not be accepted and used as representative of the general level at which yarns are now selling.

Southern 2-Ply Chain Warps, Etc.

6s to 10s..62	2-ply 26s..75
12s to 14s..64	2-ply 30s..80
2-ply 16s..65	2-ply 40s..1.20
2-ply 20s..68	2-ply 50s..1.70
2-ply 24s..73	

Southern Two-Ply Skeins.

6s to 10s..60	—61	30s.....80
10s to 12s..62		40s.....1.20
14s.....64		50s.....1.60
16s.....65		60s.....2.00
20s.....67		Upholstery
24s.....70		Yarns—
26s.....75		8s, 3 & 4-ply.50

Duck Yarn.

3, 4 & 5-ply skeins—	3, 4 & 5-ply skeins—
8s.....62	16s.....68
10s.....65	20s.....72
12s.....67	

Southern Single Chain Warps.

6s to 12s..62	24s.....78
14s.....65	26s.....80
16s.....66	30s.....85
20s.....69	40s.....1.25
22s.....74	

Southern Single Skeins.

6s to 8s..58	20s.....68
10s.....69	22s.....70
12s.....60	24s.....70
14s.....61	26s.....78
16s.....62	30s.....83

Southern Frame Cones.

8s.....60	—62	20s.....68	—70
10s.....61	—62	22s.....72	
12s.....62	—63	24s.....77	
14s.....63	—64	26s.....79	
16s.....65		30s.....85	
18s.....67		30 extra..85	—90

Combed Peeler Cones.

10s.....1.10	28s.....1.38
12s.....1.12	30s.....1.42
14s.....1.14	32s.....1.46
16s.....1.16	34s.....1.83
18s.....1.18	36s.....1.92
20s.....1.20	40s.....2.05
22s.....1.23	50s.....3.05
24s.....1.25	60s.....3.30
26s.....1.32	

Picker Sticks

Spools

Skewers

Binders

Loom Supplies

Ivey M'fg Co.

Hickory, N. C.

Cotton Goods

New York.—A further weakening tendency marked the quiet cotton goods market for the week. Toward the end of the week there was a little more business stirring in the cotton goods and cotton yarn markets at lower prices than have been quoted recently by the mills. Buyers have been desirous of purchasing small filling-in lots of gray cloths and weaving yarns, and in most instances nothing more than the quantity first asked for would be accepted. The volume of the business was very small and its importance rested in the way in which it was scattered.

At each recurring sign of activity of this sort inquiries multiply as to the probability of an end of the dull spell. The statements made months ago concerning the influence controlling the market seem just as pertinent now as then. The underlying and powerful restrictive influence on trade is the money market. Money and credit were not found in abundance sufficient to carry business along at the very high level of prices reached and the banks and bankers are putting their house in order as they began to do months ago. The situation is improved to the extent that prices have been revised and money has become easier. If money is easier the market is better. If prices have been revised sufficiently to attract buyers the outlook has cleared up. Every man with the facts of his own business before him can give quite as safe an answer to the question of when dullness will end as any of the priests and prophets of trade can.

The collapse of the automobile industry has been reflected in cotton goods and cotton yarn markets in many demands for deferred deliveries on large contracts for auto supply materials.

Jobbers are still very timid about placing orders. Staple, eight-ounce tickings were reduced this week by the largest eastern producer to 44 1-2 cents a yard from 55 cents, while a southern line was reduced to 40 1-2 cents from 45 cents.

Bleached cottons were sluggish, the recent reduction not having

stimulated general buying. Ginghamams are being ordered moderately for spring. Converters report a very quiet wash goods business for spring and they are offering out their staple goods at material reductions. It is possible to buy 4-4, 64x60 percales on light grounds at 22 cents, the nominal price of leading printers' lines being 30 cents.

Imports of cotton goods continue large. The export trade is dull and some cancellations are being received. Curtailment of production among the mills is in progress.

Current prices are: Print cloths, 28-inch 64x64s, 13 cents; 64x60s, 12 1-2 cents; 38 1-2-inch 64x64s, 16 1-2 cents; brown sheetings, southern standards, 25 1-2 cents; tickings, eight-ounce, 44 1-2 cents; denims, 220s, Indigo, 44 cents; prints, 23 cents; staple gingham, 37 1-2 cents; dress gingham, 35 to 37 cents.

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NEW ORLEANS

WHAT ELSE---When it is the only sizing agent that is absolutely neutral, and needs the assistance of no other compound, oil or tallow. Will not allow the size to chafe or shed, and will increase the tensile strength of the yarn.

Want Department

If you are needing men for any position or have second hand machinery, etc., to sell the want columns of the **Southern Textile Bulletin** affords the best medium for advertising the fact.

Wanted

By a mill in Alabama man to fix 16 Universal Winders and look after help. Man with family preferred. Do not apply unless you are a good fixer. Wages \$30.00 a week, free house rent. Very healthy country. Artesian water. Mill running full time. Do not expect to run short. E. C. G., care Southern Textile Bulletin.

For Sale

About 40,000 warp bobbins for Whitin Medium Spindle. Very good condition. Amazon Cotton Mills, Thomasville, N. C.

Machinery For Sale.

For Sale—One number 6 Foster Winder, 100 spindles, suitable for eights or below to 16s yarn.

Two Whitin Twisters, 176 spindles (Whitin gravity), 3-in. gauge, 2-in. ring, for two-ply only.

Twenty-four lattice attachments for Nasmith Comber with conveyors and 10-in. coilers. Most of them never used. Others only very little. The Foster Winder is in good condition, for winding yarn mentioned. The twisters are almost as good as new.

Apply to Kinston Cotton Mills, Kinston, N. C.

For Sale DRY DRESSED PINE BOARDS

We offer for sale to the textile trade the following stock of thoroughly dry No. 2 short leaf pine boards, well manufactured:

- 20,000 ft. 1x 4 Dresses 13-16x3 1-2 inch Face.
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- 180,000 ft. 1x 8 Dresses 13-16x7 1-2 inch Face.
- 100,000 ft. 1x10 Dresses 13-16x9 1-2 inch Face.
- 50,000 ft. 1x12 Dresses 13-16x11 1-2 inch Face.

This lumber will last as long, and when painted looks practically as well as the higher priced kind. Send us your orders and cut your building cost.

EZELL-GRIFFIN CO.

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MACHINERY FOR SALE

- 1—40" Double Beater Atherton Breaker Picker with Automatic Feed.
- 1—40" Double Beater Finisher Picker with Kirshner Beater. Immediate delivery from Ware house. Fine condition.
- 12—192 Spindle Whitin Spinning Frames 1½ ring by 2½ gauge Whitin gravity spindle.
- 12—208 Fales & Jenks Spinning Frames, des. as above, tape driven instead of band driven. For later delivery.
- 12—No. 50 Universal Cone Winders. 50 deliveries, Whitin Drawing. Metallic rolls, 12" coils. 24 deliveries, Lowell Drawing, des. above.
- 2—100 H. P. Boilers, 110 lbs. pressure allowed by underwriters.
- 1—48 Spindle Providence 11x5½ Slubber
- 1—64 Spindle Howard & B. 11x5½ Slubber
- 4—4x5 inch Eastman & Burhman 100 spindle spoolers, can take 4x6 inch spools
- 2—Fales & Jenks 176 spindle twisters, 2½ inch ring, 3½ inch space
- 1—240 spindle Fales & Jenks, 1½ inch ring, 2½ inch space
- 1—Draper, 136 spindle, 2½ inchx3¾ inch
- 1—3 roll 40 inch Butterworth Calender—2 steel rolls, 1 composition roll
- 1—Set Butterworth Dry Cans
- 1—21 can Butterworth Starch Mangle
- 13—Frames, 6 deliveries each, Saco-Pettie Drawing, metallic rolls, 10 inch coils
- 40—Deliveries Whitin Drawing, metallic rolls, 12 inch coils
- 50—Deliveries Saco-Pettie, metallic rolls, 12 inch coils
- 24—Deliveries Lowell, metaallic rolls, 12 inch coils
- 2—Thread extractors
- 50,000 7x3½ Speeder Bobbins
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- 3—Single Beater Kitson Finisher Lappers with carding beaters.
- 1—Kitson Willowing Machine with fan, and hopper opener.
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- 1—Globe Warp machine mechanical stop motion 1450 ends 4x6 spools.
- 1—Globe Den Warper 2800 ends for 4x6 spools.
- 8—Gangs No. 50 Universal Winders with cone and tube attachment.
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Engine now in operation and carrying a load of about 675 H. P., at a speed of 88 revolutions per minute.

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On account of change in construction we offer for immediate delivery

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- 7 Short chain beamers
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- 40 Sets 5 harness cams
- 25 Sets 4 harness cams
- 300 Sets 3 shay steel heddle frames with heddle eyes
- 125 Loom beams 18 inch diameter, 40 inch long
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All in good conditions and can be had at a bargain.

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Cotton Mills

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EMPLOYMENT BUREAU

The fee for joining our employment bureau for three months is \$2.00 which will also cover the cost of carrying a small advertisement for one month.

If the applicant is a subscriber to the Southern Textile Bulletin and his subscription is paid up to the date of his joining the employment bureau the above fee is only \$1.00.

During the three months' membership we send the applicant notices of all vacancies in the position which he desires.

We do not guarantee to place every man who joins our employment bureau, but we do give them the best service of any employment bureau connected with the Southern Textile Industry.

WANT position as overseer of weaving. Now employed and getting over 100% production with less than 1% seconds. Want larger job and can furnish best of reference. Address No. 2760.

WANT position as assistant superintendent or assistant manager of cotton mill. Have high technical education in textile manufacture and valuable experience in a managerial capacity. Address No. 2749.

WANT position as overseer of weaving or superintendent. Reference as to character and ability. Address No. 2750.

WANT position as superintendent of good mill by man now employed and giving satisfaction but for good reasons wish to make change. Address No. 2751.

WANT position as superintendent or overseer of spinning in good mill in Carolinas or Virginia. Now employed as superintendent in far Southern mill and want to get back near home on account of health. Good reference. Address No. 2752.

WANT position as superintendent of medium size mill. Now employed but wish to change for good reasons. Can furnish reference if wanted. Address No. 2753.

WANT position as assistant superintendent of large mill or manager or superintendent of small mill. Long practical experience and graduate of Ga. Tech. of 1911. References from past employers. Address No. 2754.

WANT position of superintendent of either yarn or weaving mill. 39 years of age. Experienced on 8s to 80s. Combed and carded yarns. Can furnish best reference. Now employed would like to correspond with parties needing a good man. Address No. 2756.

WANT position as pay-roll clerk in large textile mill by a young man. Married. With five years practical experience, thoroughly conversant with production records of varied sizes of hank-roving and yarns, can operate a comptometer. Address No. 2757.

WANT position as superintendent of small or medium size yarn mill. I have sixteen years experience as overseer of carding and spinning, twisting, winding, ruling, etc., and have eight years experience as superintendent. I would consider an overseers position. Am experienced on coarse and fine numbers, on white and colored yarns. Can furnish best of reference as to character and ability. I am 46 years old and have a family. Address No. 2758.

WANT position as overseer of weaving in good mill. Now employed and giving satisfaction but want larger room. Address No. 2759.

WANT position as overseer of spinning room. Have had experience and can furnish reference as to character and ability. Address No. 2766.

WANT position as overseer of card room. Can furnish reference as to character and ability. Know how to get production and manage help. Address No. 2765.

WANT position as superintendent or overseer of large weave room. Now employed in small mill but would like to have larger job. Can get results. Address No. 2768.

WANT position as superintendent or overseer of carding and spinning in large mill making tire duck or yarn. Long experience and reliable in every way. Address No. 2769.

WANT position as assistant superintendent of large mill or superintendent of small mill. Had technical education in textile manufacturing at N. C. A. & E., and 12 years practical experience on colored work. Age 33. Reference from past employers. Address No. 2774.

WANT position as overseer of spinning. Have had 15 years experience on white and colored goods from 1s to 40s. I prefer Georgia or Alabama. 38 years of age and married. Address No. 2770.

WANT position as overseer of carding or spinning or both in small mill. Now employed in large mill and giving satisfaction. Can furnish reference as to character and ability. Address No. 2771.

WANT position as superintendent of yarn mill. Held present position as superintendent for 6 years, giving satisfaction. Wish to change to larger mill. Address No. 2772.

WANT position as superintendent of mill in Carolinas. Now employed but want larger place. Would like to take stock in mill. Can furnish reference. Address No. 2773.

WANT position as superintendent or assistant superintendent or overseer in large mill. Address No. 2775.

WANT position as overseer of spinning by a young married man in some small city. Don't care what size room may be. I am now general overseer of spinning in a 17,000 spindle mill in large city, but want to get in small city. Very best of references. Address No. 2777.

WANT position as overseer of weaving. Six years experience on plain and fancy work. Can furnish satisfactory references and handle any size job. Address No. 2776.

WANT position as overseer of large weave room in Carolinas. Have had 8 years experience. Now employed and giving perfect satisfaction, but would change for larger job. Address No. 2778.

WANT position as overseer of weaving in good mill. Now employed and giving satisfaction, but want larger room. Have had 26 years experience in weave room, four years as overseer. Can furnish best of references. Address No. 2779.

WANT position as superintendent of yarn mill or overseer of spinning in large mill. Several years experience and good references. Address No. 2780.

WANT position as overseer of carding or master mechanic. Have had experience in both lines and give satisfaction. Address No. 2781.

WANT position as superintendent of small yarn mill. Not over 15,000 spindles. Can furnish satisfactory references. Address No. 2782.

WANT position as superintendent or overseer of carding and spinning in large mill. Now employed and giving satisfaction, but want to change and get with modern, up-to-date mill. Address No. 2784.

WANT position as master mechanic or engineer. Experienced with steam and electric power. Married and have 7 years experience. Address No. 2785.

WANT position as overseer of carding. Long experience and can furnish reference. Address No. 2786.

WANT position as overseer of carding in large mill. Best of references. Have had several years experience. 38 years old. Address No. 2787.

WANT position as superintendent of small mill or overseer of carding in large mill in Carolinas. Have been overseer of carding for fifteen years and at present superintendent. Want to get back to Carolinas is reason for change. Address No. 2788.

WANT position as superintendent or overseer of carding in large mill. Can furnish reference as to ability and character. Address No. 2789.

WANT position as second hand in large spinning room. Eight years experience on white and colored, coarse and fine yarn. A good manager of help. Can furnish good reference as to character and ability. Address No. 2795.

WANT position in mill where twelve years experience in erecting and overhauling would be appreciated. Have had five years experience erecting spinning and card room machinery. Am seeking a position where I would have a chance to learn to operate a mill.

Can furnish best of reference as to character and ability. Will consider anything where my past experience would be of value. Am now employed. Address No. 2794.

WANT position as overseer of carding or spinning or master mechanic. Have had eight years experience as overseer and five years doing machine shop and electrical work. Would accept position as assistant superintendent in good mill. Address No. 2791.

WANT position as overseer of small card room or second hand or a speeder section. Now employed and giving satisfaction but looking for a bigger job. Not afraid of work. Address No. 2793.

WANT position as superintendent of medium size yarn or weaving mill. 33 years experience in mill; 18 as overseer of carding, spinning, spooling, twisting, warping, etc. 5 1/2 years on present job as overseer of carding. 45 years of age, have family, and can furnish good reference. Would consider job as assistant superintendent in good mill. Address No. 2796.

WANT position as superintendent of yarn mill or overseer of carding and spinning in large mill. Can furnish satisfactory reference. Address No. 2797.

WANT position as overseer of large card room or carding and spinning. Can furnish best of references and get results. Address No. 2790.

WANT position as superintendent of cotton mill. Have been with present company over eight years as superintendent. 41 years of age. Can give reference as to ability and character. Address No. 2798.

WANT position as superintendent of yarn mill weaving yarns as hosiery yarn. Experience on white and colored, solid colors and mixtures. Now employed as superintendent but would like to make a change. Address No. 2800.

WANT position as electrical engineer or master mechanic. Experienced on steam turbines. Best of reference and thoroughly capable. Want to change in order to get to good school. Have in family one master mechanic, one turbine operator, and weaver and draw-in hand. Would not consider place where there is no good school. Address No. 2799.

WANT position as superintendent of good mill on white or colored work, plain or fancy. Experienced on all kinds of work and have handled two or three good jobs with satisfaction. Address No. 2801.

WANT position as overseer of carding in large mill (over 50,000 spindles) or superintendent of yarn or weaving mill. Now employed as overseer in large mill on colored work but prefer white. Small family, good manager of help, best of reference. Address No. 2802.

WANT position overseer of weaving in large mill on colored or plain work, or time keeper for large mill corporation. I. C. S. graduate in weaving. 16 years experience in mill, 10 years in weave room. Address No. 2803.

WANT position as superintendent of mill from 10,000 to 50,000 spindles. Good reference. Address No. 2805.

WANT position as overseer of weaving in large mill. 18 years experience on colored and white work on Draper and Crompton looms. Can furnish reference. Address No. 2804.

WANT position as superintendent or assistant superintendent or overseer of weaving. Would not consider less than \$50.00 per week. References. Address No. 2806.

WANT position as roller coverer. 10 years experience, age 31, married, good reference. Address No. 2807.

WANT position as superintendent of mill in Carolinas. Good reference. Address No. 2808.

WANT position as overseer of carding or spinning or both. Now employed and giving satisfaction but have good reason for changing. Address No. 2809.

WANT position as superintendent or overseer of spinning in large mill. 38 years old, married, 12 years as overseer. Best of reference. Address No. 2810.

WANT position as superintendent or general manager of large mill, nothing less than 20,000 spindles. Now employed as superintendent of large mill and giving satisfaction but would like to change location. Address No. 2814.

WANT position as overseer of spinning, twisting, or winding. Thoroughly reliable and competent. Can furnish reference. Address No. 2813.

WANT position as overseer of weaving by man with several years experience. Now employed and giving satisfaction but would like larger job. Address No. 2763.

WANT position as superintendent of small yarn or weaving mill or overseer of large weave room. Can furnish reference as to character and ability. Address No. 2765.

WANT position as superintendent of weaving mill with from 12 to 20 thousand spindles. Thoroughly competent to handle any size job. Can furnish references. Address No. 2819.

WANT position as superintendent of yarn mill of 5,000 to 15,000 spindles. Now employed as superintendent but wish to change for good reason. Have had 11 years experience as superintendent. Age 43, married. Can furnish reference. Address No. 2817.

WANT position as overseer of weave room. Now employed but would like to change for larger job. Address No. 2815.

WANT position as superintendent of yarn mill or overseer of large card room; long experience on white and colored work; will have the help if anyone has them. Now employed and giving satisfaction; as good references as anyone; 39 years of age. Address No. 2825.

WANT position as overseer of carding. Now employed but would like change. Address No. 2824.

WANT position as overseer of carding. Eight years experience on carded and combed fine and coarse numbers. Can furnish best of reference as to ability to get results. 38 years of age. Address No. 2823.

WANT position as superintendent. Special experience in both combed carding and spinning of fine yarns. Good reference. Address No. 2822.

WANT position as overseer of carding or spinning or both. Now employed but for personal reasons would like to change. 32 years of age. Good references from all former employees. Address No. 2821.

WANT position as superintendent or overseer of large room. Can accept reasonable notice and furnish good reference. Address No. 283.

WANT position as overseer of large cloth room. High class cloth room man. Can give good references. Or position as overseer of weaving in small print cloth mill. And am a good clean Christian. Address No. 2829.

WANT position as superintendent or manager of cotton mill. Am 31 years old, have been assistant superintendent of large and up-to-date plant for the past six years and have technical training in addition to ten years practical work in mill. Especial knowledge and experience in reorganization and mill building construction. Can give good references. Address No. 2829.

WANT position as overseer of spinning. Now employed as overseer and have been for 10 years. Age 38, married. Good reference. Address No. 2828.

WANT position as superintendent or overseer of weaving. Now employed and experienced on all kinds of work. Address No. 2826.

WANT position as superintendent or overseer of carding and spinning in large mill. Now superintendent and giving satisfaction. Good reference. 42 years old with family. Address No. 2836.

WANT position as superintendent or overseer of large weave room. Good reference. Address No. 2825.

WANT position as overseer of carding or spinning or both or night superintendent. Long experience and good recommendations. Address No. 2834.

WANT position as overseer of spinning in good Southern cotton mill by man 54 years of age with long experience on all colors and counts and an A-1 manager of help. Sure to get record results. Address No. 2832.

WANT position as overseer of card room by man with 14 years experience as overseer. Good manager of help. Must be large room or would take superintendent's job. Can make change quick. Present location is only reason for change. Address 2833.

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Saco-Lowell Shops.
Sargent's Sons Corp., C. G.
Whitin Machine Works.
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Collins Bros.
Saco-Lowell Shops.
PRESSES (BALING)—
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NAPPER ROLL GRINDING
MACHINES—
Roy & Sons Co., B. S.
OILS—
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Seydel Mfg. Co.
Southern Cotton Oil Co.
Swan & Finch Co.
Texas Co.
Wadsworth, Howland & Co.
Wolf, Jacques & Co.
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Lunkenheimer Co.
Powell Co., Wm.
Wayne Oil Tank & Pump Co.
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Whitin Machine Works.
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OVERHAULERS—
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Atlantic Textile Co.
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Roessler & Haaslaender.
PEROXIDE OF HYDROGEN—
PICKERS AND LAPPERS—
PICKERS AND LAPPERS—
Whitin Machine Works.
PULLEY COVERING—
Graton & Knight Mfg. Co.
PULLEYS—
See Transmission Machinery.
PUMPS—
Allis-Chalmers Mfg. Co.
De Laval Steam Turbine Co.
(Boiler Feed; also Centrifugal.)
Farnsworth Co.
Rumsey Pump Co.
Sydnor Pump & Well Co.
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PLANTS—
Norwood Engineering Co.
Scalfe, Wm. B., & Sons.
QUILLERS—
Universal Winding Co.
Whitin Machine Works.
QUILL CLEANERS—
Terrell Machine Co.
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Powers Regulator Co.
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Allen Mfg. Co.
National Ring Traveler Co.
Carter, A. B.
Victor Ring Traveler Co.
U. S. Ring Traveler Co.
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Saco-Lowell Shops.
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Metallic Drawing Roll Co.
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Southern Spindle & Flyer Co.
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Hyatt Roller Bearing Co.
ROLLER COVERINGS—
Graton & Knight Mfg. Co.
ROOFING—
David Lupton's Sons, Inc.
Atlanta Gas Light Co.
Walraven Co.
ROPE TRANSMISSION—
Link-Belt Company.
ROVING CANS AND BOXES—
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American Vulcanized Fibre Co.
Rogers Fibre Co.
Standard Fibre Co.
Wilson Co.
Carter, A. B.
Diamond States Fibre Co.
RUB APRONS—
Graton & Knight Mfg. Co.
SADDLES—
Dixon Lubricating Saddle Co.
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Saco-Lowell Shops.
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Vogel Co., Joseph A.
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Lovinggood Co., The.
Toledo Scale Co.
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Dobbins Soap Mfg. Co.
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Marrow Machine Co.
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See Power Transmission Machinery.
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Marrow Machine Co.
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Masury Young Co.
Hine Bros.
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Arabol Mfg. Co.
Bosson & Lane.
New Brunswick Chemical Co.
Jacques Wolf & Co.
Robinson, Wm. C., & Sons Co.
Sonneborn, L., & Sons Co.
Metz, H. A., & Co., Inc.
Seydel Mfg. Co., The.
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Wilson Co.
Southern Engineering Co.
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Textile-Finishing Machinery Co.
SLASHER AND CLEARER CLOTHS—
Hitchcock Co., F. C.
SOAPS—
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Dobbins Soap Mfg. Co.
Klipstein & Co., A.
Robinson, Wm. C., & Sons Co.
Seydel Mfg. Co., The.
United Chemical Products Co.
Sonneborn, L., Sons Inc.
SOFTENERS—
See Cotton Softeners.
SPINDLES—
Allen Spindle Corp.
Draper Corporation.
Saco-Lowell Shops.
Southern Spindle & Flyer Co.
Whitin Machine Works.
SPINNING FRAME SADDLES—
Dixon Lubricating Saddle Co.
SPINNING RINGS—
Allen Machinery Corporation.
Draper Corporation.
Pawtucket Spinning Ring Co.
Whitin Machine Works.
Whitinsville Spinning Ring Co.
SPINNING TAPE—
American Textile Banding Co.
Barber Mfg. Co.
Georgia Webbing and Tape Co.
SPOOLS—
See Bobbins, Spools, Shuttles.
SPROCKETS, SILENT CHAIN—
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Morse Chain Co.
STARCH—
See Sizing, Starch and Gum.
SPOOLERS—
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Saco-Lowell Shops.
Whitin Machine Works.
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Powers Regulator Co.
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Hine Bros.
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Metz, H. A.
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Seydel Mfg. Co., The.
Jacques, Wolf & Co.
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Southern Engineering Co.
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East Jersey Pipe Co.
YARN CONDITIONING MACHINES—
See Conditioning Machines.
YARN TESTERS—
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ECONOMY and EFFICIENCY are the watch-words to-day. Modern mill men who hold to this motto are discarding ordinary, imperfectly refined starches and selecting those special types best suited for their individual conditions.

Some desire increased weight, all need increased strength and better weaving qualities for the warp.

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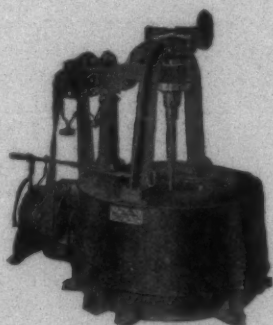
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Picking	Spoolers
Revolving Flat Cards	Twisters
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Ribbon Lap Machines	Quillers
Combing Machines	

COTTON WASTE MACHINERY

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Openers	Revolving Flat Cards
Pickers	Derby Doublers
Willows	Roving Frames
Card Feeds	Spinning Frames
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Lovinggood Co., The.
Toledo Scale Co.
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Merrow Machine Co.
SCOURING POWDERS—
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Dobbins Soap Mfg. Co.
SEWING MACHINES—
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H. A. Metz & Co., Inc.
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Jacques, Wolf & Co.
Southern Dyestuffs & Chemical Co.
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Lefell, James, & Co.
Smith, S. Morgan, Co.
WELL DRILLING—
Sydnor Pump & Well Co.
WINDERS—
Crompton & Knowles Loom Works.
Saco-Lowell Shops.
Universal Winding Co.
WINDOWS—
David Lupton's Sons, Inc.
Southern Engineering Co.
WHIZZERS—
Tolhurst Machine Works.
East Jersey Pipe Co.
YARN CONDITIONING MACHINES—
See Conditioning Machines.
YARN TESTERS—
Scott & Co., H. L.

Starch

ECONOMY and EFFICIENCY are the watch-words to-day. Modern mill men who hold to this motto are discarding ordinary, imperfectly refined starches and selecting those special types best suited for their individual conditions.

Some desire increased weight, all need increased strength and better weaving qualities for the warp.

You know the result you seek.

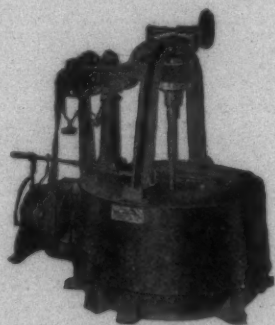
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NEW YORK

Southern Office: GREENVILLE, S. C.

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SELF-BALANCING BASKETS
26 to 72 inches.

**Tolhurst
EXTRACTORS
FOR
TEXTILES**

SPECIAL CATALOG

Tolhurst Machine Works
Troy, N. Y.

SOUTHERN REPRESENTATIVE
FRED H. WHITE, Realty Building
Charlotte, N. C.

WHITIN MACHINE WORKS

ESTABLISHED 1831

TEXTILE MACHINERY

Manufacturers of the following machines:

COTTON MACHINERY

Opening	Drawing Frames
Conveying	Roving Frames
Distributing	Spinning Frames
Picking	Spoolers
Revolving Flat Cards	Twisters
Sliver Lap Machines	Reels
Ribbon Lap Machines	Quillers
Combing Machines	

COTTON WASTE MACHINERY

COTTON AND WOOLEN SYSTEMS

Openers	Revolving Flat Cards
Pickers	Derby Doublers
Willows	Roving Frames
Card Feeds	Spinning Frames
Full Roller Cards	Spoolers
Condensers	Twisters
Special Spinning Frames	

WOOLEN MACHINERY

Card Feeds	Condensers
Full Roller Cards	Wool Spinning Frames

WORSTED MACHINERY

Cone Roving Frames

MAIN OFFICE AND WORKS

WHITINSVILLE, MASS., U.S.A.

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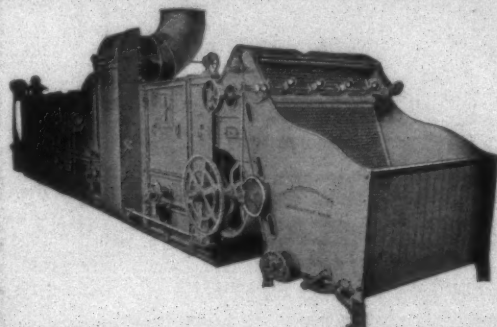


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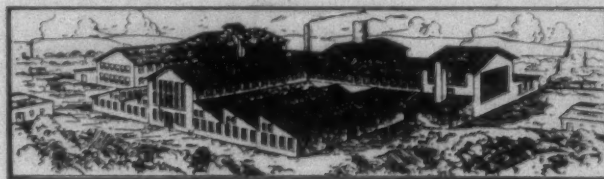
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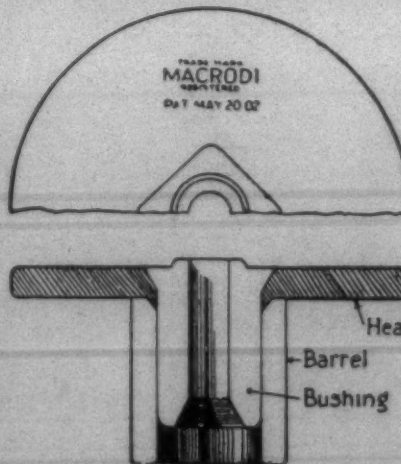
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